PURDUE COOPERATIVE EXTENSION SERVICE
OF HAMILTON COUNTY
2003 Pleasant Street
Noblesville, IN 46060-3697
(317) 776-0854
FAX (317) 776-9892
www.extension.purdue.edu/hamilton

Susan L. Peterson
County Extension Director
Extension Educator
Health & Human Sciences
speterson@purdue.edu

Amanda A. Baird
Extension Educator
Ag/Natural Resources
amandabaird@purdue.edu

Kathleen J. Bohde
Extension Educator
4-H Youth Development
bohde@purdue.edu

Maggie Herrington
Office Manager
mherrington@purdue.edu

Kris Grinstead
Administrative Assistant
krisgrin@purdue.edu

Georgia Marshall
Secretary/Receptionist
glmarsha@purdue.edu

Bernie Huber
Program Assistant
Health & Human Sciences
bchuber@purdue.edu

Lisa Hanni
Program Assistant
Ag/Youth
lahanni@purdue.edu

Gloria Del Greco
Community Wellness Coordinator
gdelgrec@purdue.edu

Amanda Gray
Program Assistant
Nutrition Education
gray89@purdue.edu

Melissa Bernero
Social Media Assistant
delkm@purdue.edu

Tony Charlton
Operations Manager

Eddie Schwartz
Operations Assistant

Nathan Reiter
Operations Assistant

Nick Jones
Operations Assistant

Purdue University is an equal opportunity/equal access/affirmative action institution.

Hamilton County 4-H Handbook

Table of Contents

Page(s)

General 4-H Information……..13-32
- History of 4-H……..15
- Common 4-H Terms……...16
- Symbols, Traditions & Pledges……..23
- Indiana 4-H Program Philosophy……...23
- Behavioral Expectations……..26
- Grievance Policy……...28
- General Rules for All Projects……...30-31

Project Requirements……33-182
- Achievement Resume…… 35
- Aerospace…… 37
- Arts & Crafts…… 38
- Beef Barbecue……..40
- Beekeeping……42
- Bicycle……43
- Cake Decorating……...44
- Chicken Barbecue……46
- Child Development……..47
- Clogging……49
- Collections……49
- Computer……...50
- Construction Sets……54
- Consumer Clothing……..55
- Creative Writing……...56
- Crops……57
- Demonstration……...58
- Electric……61
- Entomology……...63
- Floriculture……..66
- Foods……...……..70
- Forestry……..74
- Garden……...……....77
- Genealogy……79
- Geology……...…...83
- Gift Wrap……...……85
- Health……...…….. 88
- Home Environment……...89
- Junior Leaders……...93
- Microwave…….. 94
- Model Tractor Pull…… 95
- People In My World…….. 96
- Photography…….. 97
- Public Speaking……100
- Recycling……...101
- Scrapbook Album……102
- Sewing……...104
- Shooting Sports……110
- Small Engines……...112
- Soil & Water Conservation……113

Page(s)
- Sportfishing 114
- Strawberry 116
- Tractor Maintenance 117
- Travelogue 118
- Veterinary Science 119
- Weather 120
- Wildflowers 120
- Wildlife 122
- Woodworking 123

Exploring/Mini 4-H 125

Animal Project Requirements 129-182
- General Livestock Rules 131
- Beef 133
- Bucket Calf 135
- Cats 137
- Dairy Cattle 139
- Dairy Goats 141
- Dog Obedience 144
- Horse & Pony 150
- Llama 160
- Meat Goats 163
- Pocket Pets 165
- Poultry 166
- Pygmy Goats 169
- Rabbit 172
- Sheep 175
- Swine 178

Scholarships, Trips, Awards & Recognition 183-190

Illustrated by: Joseph Whitlock

Hamilton County 4-H Council, Inc.

2020 Members and Areas of Representation

Terms Expire January 1, 2021

Phil Miller	Adams Township
Carol Turner	Delaware Township
Liz Trinkle	Fall Creek Township
Chris Schakel	Jackson Township
Evelyn Burton	Noblesville Township
Jason Reynolds	White River Township

Terms Expire January 1, 2022

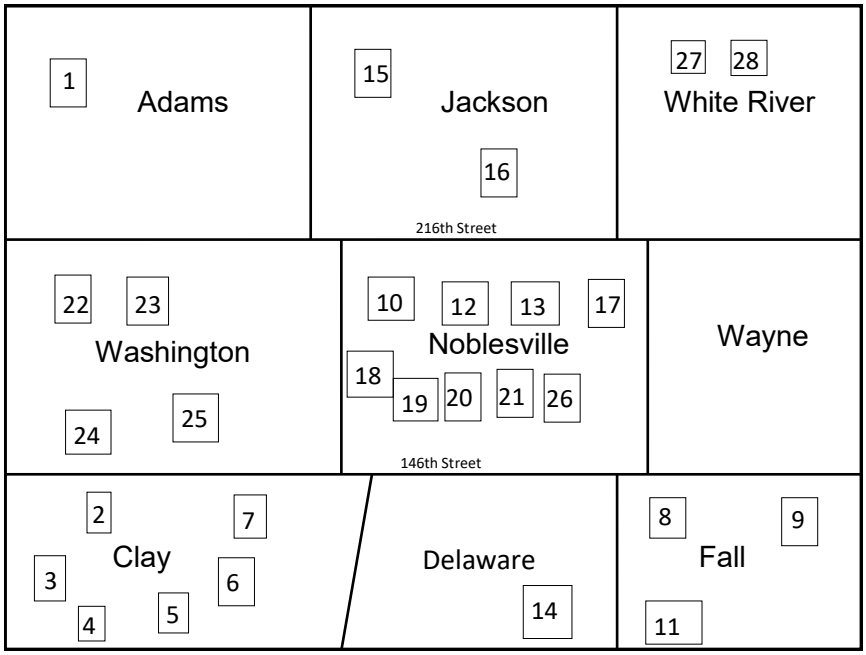
Amy Kavicky	Clay Township
Lisa Swain	Fall Creek Township
Lyneen Burrow	Jackson Township
Jennifer Huff	Noblesville Township
Ben Davis	Washington Township
Julie Hoffmeister	Wayne Township

Terms Expire January 1, 2023

Katie LaReau	Junior Leader Representative
Gracie Fisher	Junior Leader Representative
Gerrian deJong	Adult Leader Representative
Cindy Ogle	Adult Leader Representative
Jeff Hern	Hamilton County Council Representative
Sue Coshow	Extension Homemaker Representative
Kathy Kreag Williams	Extension Board Representative
Jackie Morgan	4-H Council Treasurer

Hamilton County 4-H Clubs

TOWNSHIPS



NOTE: The numbers correspond to the 4-H Club names on the following pages.

IMPORTANT LINKS

The following links contain important information pertaining to the 4-H program that is not included in this handbook. Please refer to these resource websites for information.

Hamilton County 4-H Record Sheets, Scholarship Forms, and 4-H Fair Information

www.extension.purdue.edu/hamilton

Purdue University, Department of 4-H Youth

https://extension.purdue.edu/4h

4-H Enrollment and Database

https://in.4honline.com

Animal Health Requirements for Exhibition

www.in.gov/boah/

Indiana State Fair

www.in.gov/statefair/

Indiana 4-H Foundation

www.in4h.org

National 4-H Council

www.4h.org

2020 Hamilton County
4-H Clubs & 4-H Leaders

ADAMS TOWNSHIP

(1) SHERIDAN AG

Becky Clayton	317-607-1874
Carol Miller	317-625-3196
Kayla Tobias	317-379-2853
Brenda Waitt	317-441-9433

CLAY TOWNSHIP

(2) CARMEL COLLEENS AND GENTS

Kevin Kiser	317-873-0696

(3) CARMEL 4-C's

Donna Jones	317-846-5698
Lisa Mills	317-908-6362
Tom Mills	317-281-6614
Lucinda Belt	317-705-0941
Betty Estridge	317-846-2281
Amber Blakley	317-850-1200

(4) CARMEL 4-STAR 4-H'ers

Cathi Wahnsiedler	317-849-7851
Lucy Wahnsiedler	317-550-9440

(5) FOR-EVER 4-H'ers

Susan Young	317-344-2023

(6) H4

Amy Crispin	317-313-2462
Julie Cabral	317-373-1506
Christy Denault	317-417-6322

(7) CARMEL EXPLORERS 4-H CLUB

Bryan Vackar	317-753-8611
Michelle Vackar	317-753-4941

DELAWARE, FALL CREEK AND WAYNE TOWNSHIP

(8) CLOVER KIDS

Tricia Schreck	317-432-0238
Caryn Terry	terryc@wws.k12.in.us
Susie Strange	317-502-5227
Jamie Baber	317-441-5238
Maria Layman	317-439-8031

(9) FISHERS SHOWSTOPPERS

Lisa Swain	317-503-7149
Katie Lichtenberger	219-510-7304
Shelby Myers	317-431-2127

(10) FRIENDS FOREVER

Amy Canaday	317-319-9541
Kim Macky	317-529-3839
Jenny Rumple	317-670-4202
Tammy Delgado	619-888-7617
Rosalie Alvey	317-698-2446

(11) JOLLY ROGERS

Nancy Bixler	317-919-8540
Lynn Murphy	317-450-2895
Elizabeth Morse	317-469-6505
Dawn Underwood	317-407-5461

(12) MUDSOCKERS

Lori Fox	317-523-5111
Beth Michaels	317-773-8187
Kelly Michaels	317-508-9993

(13) PROGRESSIVE FARMERS

(14) SOUTHEASTERN 4-H'ERS

Holly Lawson Garber	317-379-3703

JACKSON TOWNSHIP

(15) HUSKY 4-H'ERS

Angela Ward	317-432-5151
Cheri Hartwick	317-696-4385
Julie Leonard	317-984-9390
Shannon Mann	317-727-0346

(16) JACKSON HOTSHOTS

Michelle Hasler	317-294-1420
Erich Hasler	317-439-2839
Nicole Hendrickson	765-810-4768

NOBLESVILLE TOWNSHIP

(17) FOREST HILL

Jaime Whitlock	317-514-3146
Kendall Gatewood	317-674-6525

(18) HEARTLAND 4-H'ERS

Lee Ann Lockwood	765-292-2067
Donna Gibson	317-488-7019
Courtney Tate	317-956-0559

(19) NOBLESVILLE H AND H

Jackie Morgan	317-370-6642
Beth Moody	317-224-8331
Kara Moody	317-437-1155
Kristin Moody	317-625-6607

(20) STRINGTOWN PIKERS

Jennifer Huff	317-371-6061
Sara Schaefer	317-372-2594
Caryn Murdock	317-690-7316

(21) WINNERS UNLIMITED

Heather Bennett	317-410-2227

WASHINGTON TOWNSHIP

(22) SHAMROCK SHAKERS

Jill Graber	317-374-1639
Joyce Stewart	317-896-5650

(23) WESTFIELD CITY SLICKERS

Evelyn Burton	317-519-5788

(24) WESTFIELD CLOVERLEAVES

Cheryl Armstrong	317-752-4715
Becky Harvey	317-410-3182
Leigh Ann Kinney	317-432-8664
Caroline Armstrong	317-670-9010

(25) WESTFIELD WHIZ KIDS

Margo Hoaglan	317-697-5575
Sarah Buckner	317-379-2812

WHITE RIVER TOWNSHIP

(26) NEW HEIGHTS

Suzy McMahon	317-459-7359
Angie McNew	317-626-8270

(27) WALNUT LASSIES AND LADDIES

Amy Jackson Cowan	765-623-5873
Deanna Teal	317-509-7034

(28) WHITE RIVER BLUE RIBBON

Nikki Williams	317-984-3716
Missi Piel	317-431-8881

COUNTY PROJECT CLUBS

DOG OBEDIENCE

Lynda Arbuckle	317-773-5758
Dawn Moos	317-213-8515
Beth Lawler	765-374-8070
John Garzon	317-760-7866
Allison Moos	317-432-4391
Elvina Beals	317-502-3503
Emily Atwell	317-366-9300
Char Rutar	317-989-3120
Brian Alvey	317-645-5534
Kaitlyn Alvey	317-657-5437
Edith (Dee) Hayes	317-379-1566

FOUR-LEAF CLOVER CLOGGERS (Clogging Club)

Amanda Morrow	317-341-2679
Cathy Ridings	317-727-2259
Eric Morrow	317-796-7454

GIDDY-UP GANG (Horse and Pony Club)

Dawn Crane	317-445-4030
Amy Landis	317-435-6227
Susan Byer	317-374-5799

HAMILTON COUNTY JUNIOR SHEEP ASSOCIATION

Susan Wertz	317-691-7876

HAREY HOPPERS (Rabbit Club)

Jerry Urbanus	317-508-9183
Jeff Harpham	317-691-4490
Sabine Whitmer	317-508-3317
Todd VonBlon	317-625-2469
Dustin Newman	317-627-1382
Elizabeth Newman	317-902-1855
Bailee Williams	317-502-6841
Tom Koch	317-439-4344

LLAMA TREKKERS (Llama Club)

Marilyn Nenni	317-418-2258
Lisa Sims	317-501-3932

LUCKY ROBOTS

Shawn Canaday	317-319-8949
Jan Pickett	317-408-1807
Adam Rohn	317-774-0989
Sarah (Sally) Kaufman	317-579-6391
Chris Kaufman	317-426-1010

SHOOTING SPORTS CLUB

Brandon Adomatis (Coordinator & Hunter Ed)	317-506-8867
Mark Rhinebarger (Archery)	317-420-1435
Kent Lancaster (Muzzleloading)	317-696-4365
Robert Lambert (Pistol)	317-716-8175
Shawn Canaday (Rifle)	317-319-8949
Dennis Reynolds (Shotgun)	317-752-4586

STERLING SPURS GANG (Horse and Pony Club)

Kimberly Shields	317-260-6744

MINI 4-H

MINI 4-H (Arts & Crafts, Bugs, Collections, Foods, Sewing, Space & Trees)

Erin Allen	317-727-8343

MINI CLOGGING

Amanda Morrow	317-341-2679

MINI HORSE & PONY

Heather Lawson	317-450-9472

MINI LLAMA & ALPACA

Amy Underhill	317-496-4108

PROJECT RESOURCE CONTACTS

ACHIEVEMENT RESUME

Cathi Wahnsiedler	317-849-7851
Lucy Wahnsiedler	317-550-9440

AEROSPACE

Elvina Beals	317-502-3503
Darryl Beals	317-606-0012

ARTS & CRAFTS
Cindy Ogle 317-435-3340
Emily Kuhn 317-691-3708
Vivian Summeier (Ceramics) 317-773-4176
Nikki Boram (Fine Arts) 317-716-4858
Robert Bray (Models) 317-292-2044

BEEF
Kayla Tobias 317-379-2853
Kelsie McFauls 317-997-5523

BEEF BARBECUE
Krissi Purpura 765-602-0736
Adam Hilton 317-410-7397
Gail Slaton 317-902-5552

BEEKEEPING
Tracy Pielemeier 317-847-4872
Colleen Adcock 317-727-0730

BICYCLE
Steve Summeier 317-845-5227

BUCKET CALF
Amy Jackson Cowan 765-623-5873

CAKE DECORATING
Tonya Cassell 317-385-6019

CATS
Jenny Rumple 317-670-4202

CHICKEN BARBECUE
Beth Murphy 317-564-4692

CHILD DEVELOPMENT

CLOGGING
Amanda Morrow 317-341-2679

COLLECTIONS
Lee Ann Lockwood 765-292-2067

COMPUTER
Andrew Schmidt 317-774-4286

CONSTRUCTION SETS
Robert Bray 317-292-2044

CONSUMER CLOTHING
Alex French 317-691-1963

CREATIVE WRITING
Tyson McFall 317-373-1541

CROPS
George Kakasuleff 317-410-6252

DAIRY
Amy Jackson Cowan 765-623-5873

DAIRY GOATS
Kim Nunley 317-902-6941
Laura Phillips 317-902-3245

DEMONSTRATION
Phil Anderson 317-294-2775

DOG OBEDIENCE
Lynda Arbuckle 317-773-5758
Dawn Moos 317-213-8515

ELECTRIC
Carol Schmidt 317-441-6829
Tom Mills 317-281-6614

ENTOMOLOGY
Nicole Hendrickson 765-810-4768

FASHION REVUE
Amber Blakley 317-850-1200

FLORICULTURE
Billie Jo Hittle 317-513-7264

FOOD PREPARATION
Cheryl Armstrong 317-752-4715

FOOD PRESERVATION
Lyneen Burrow 317-697-6336

FORESTRY
Holly Faust 317-771-0420

GARDEN
Jennifer Hensley 317-403-5425

GENEALOGY
Lisa Burris 317-258-9171

GEOLOGY
Holly Faust 317-771-0420

GIFT WRAP
Betty Estridge 317-846-2281
Chelsea Hanni 317-489-1824
Erin Moorhous 317-690-5465

HEALTH
Beth Delph 317-383-1176

HOME ENVIRONMENT
Gerrian deJong 317-514-8511

4-H... the POWER of YOUth

HORSE & PONY
Bruce Stewart 317-402-6539

JUNIORS LEADERS
Kathleen Bohde 317-776-0854
Lisa Hanni 317-776-0854

LLAMA
Marilyn Nenni 317-418-2258

MEAT GOATS
Sarah Reel 317-654-7127

MICROWAVE
Evelyn Burton 317-519-5788
Caryn Terry terryc@wws.k12.in.us

MODEL (1/16th Scale) TRACTOR PULL
Rodney & Tasha Rulon 317-694-6741

PEOPLE IN MY WORLD
Erin Vollmer 317-345-0106

PHOTOGRAPHY
Kelly Michaels 317-508-9993

POCKET PETS
Kay Dugger 317-696-4473

POULTRY
Julie Hoffmeister 317-529-2237
Tony Charlton 317-508-7529

PUBLIC SPEAKING
Phil Anderson 317-294-2775

PYGMY GOATS
Brittany Swackhamer 765-412-1781
Kevin Happel 317-847-6881

RABBITS
Jerry Urbanus 317-508-9183

RECYCLING
Vivian Summeier 317-773-4176

SCRAPBOOK ALBUM
Rosanna Kreider 317-629-6546

SEWING
Liz Trinkle 317-374-4534
Carol Turner 812-298-4108

SHEEP
Chad Hartwick 765-623-2722

SHOOTING SPORTS
Brandon Adomatis 317-506-8867

SMALL ENGINES
Jason Reynolds 317-645-6655

SOIL & WATER CONSERVATION
Mark McCauley 317-773-2181

SPORTFISHING

STRAWBERRY
Elizabeth Morse 317-469-6505

SWINE
Bob Huber 317-439-4507

TRACTOR MAINTENANCE
Jason Reynolds 317-645-6655

TRAVELOGUE

VETERINARY SCIENCE
Kyle Schmidt 317-645-6275

WEATHER

WILDFLOWERS
Kathryn Mascaro 317-849-2521

WILDLIFE
Holly Faust 317-771-0420

WOODWORKING
Ben Davis 317-250-8522

Illustrated by: Rachel Beeler

2020 4-H COUNCIL COMMITTEES

4-H AUCTION COMMITTEE

Duty - supervise and manage the 4-H Livestock Auction.

Jason Reynolds, Chairman - 317-645-6655
David Brost - 317-440-0578
David Day - 317-776-9210
Chad Hartwick - 765-623-2722
Julie Hoffmeister - 317-529-2237
Bob Huber - 317-439-4507
Amy Jackson Cowan - 765-623-5873
Ben Lehman - 317-691-7396
Kelly Michaels - 317-508-9993
Phil Miller - 317-446-3511
Kim Nunley - 317-902-6941
Sarah Reel - 317-654-7127
Mark Reuter - 317-509-0608
Jay Rulon - 317-694-2387
Lisa Swain - 317-503-7149
Scott Tate - 317-997-8994
Kayla Tobias - 317-379-2853
Jerry Urbanus - 317-508-9183

AWARDS COMMITTEE

Duty - select plaques and/or awards for the 4-H Fair.

Lisa Burris - 317-258-9171
Amy Kavicky - 317-774-6826
Donna Lehman - 317-773-4144
Natalie Mathiebe - 317-294-3277
Kelly Michaels - 317-508-9993
Ed Muir - 317-509-9880

BUILDINGS & GROUNDS COMMITTEE

Duty - make and carry out decisions concerning the 4-H buildings and grounds.

David Brost, Chairman - 317-440-0578
Lyneen Burrow - 317-697-6336
Dan Byerly - 317-758-5855
Tony Charlton– 317-508-7529
Dave Crane - 317-849-2049
Ben Davis - 317-250-8522
Gloria Del Greco - 317-896-5777
Phil Miller - 317-446-3511
Lisa Mills - 317-908-6362
Ed Muir - 317-509-9880
Dennis Reynolds - 317-752-4586
Jason Reynolds - 317-645-6655
Kathy Kreag Williams - 317-908-0794
Chuck Rushmore - 317-844-1092
Scott Tate - 317-997-8994
Steve Wood - 317-776-8446
Ross Woodward - 765-621-4939

CLUB FINANCIAL REVIEW COMMITTEE

Duty - review the annual financial statements for 4-H Clubs and organizations.

Lisa Burris - 317-258-9171
Jackie Morgan - 317-370-6642
Scott Tate - 317-997-8994
Patti Vollmer - 317-507-1155

COLOR ME GREEN FUN RUN COMMITTEE

Duty - organize and execute the Color Me Green Fun Run.

Scott Tate, Chairman - 317-997-8994
Lisa Burris - 317-258-9171
Natalie Mathiebe - 317-294-3277
Lizzie Vincent - 317-385-7273
Erin Vollmer - 317-345-0106
Greg Vollmer - 317-828-2751
Patti Vollmer - 317-507-1155

COMMERCIAL TENT/PARKING COMMITTEE

Duty - stake out tents, determine placement of vendors, tag spaces with exhibitor's name.

David Brost, Co-Chairman - 317-440-0578
Dennis Reynolds, Co-Chairman - 317-752-4586
Dan Byerly - 317-758-5855
Craig Henry - 317-308-9596
Jeff Hern - 317-796-0912
Jason Reynolds - 317-645-6655
Chuck Rushmore - 317-844-1092

ENTERTAINMENT COMMITTEE

Duty - secure entertainment and volunteers to assist with set-up and take down of Fair dances.

Evelyn Burton, Chairman - 317-519-5788
Rachelle Byerly - 317-758-5855
Dan Byerly - 317-758-5855
Valerie Carson - 317-773-8692
Jennifer Huff - 317-371-6061
Scott Tate - 317-997-8994

FAIRBOOK & HANDBOOK COMMITTEE

Duty - plan and coordinate fair schedule and review suggested changes and state updates in the handbook.

Lisa Burris - 317-258-9171
Lyneen Burrow - 317-697-6336
Rachelle Byerly - 317-758-5855
Julie Hoffmeister - 317-529-2237
Lisa Mills - 317-908-6362
Ed Muir - 317-509-9880
Cindy Ogle - 317-435-3340
Chris Schakel - 765-412-8686
Lisa Swain - 317-503-7149
Patti Vollmer - 317-507-1155

FAIR EVENT SET-UP & STAGE COMMITTEE

Duty - set up and tear down before and after any and all shows or contests in the Show Arena and Exhibition Center during the Fair and plan, carry out, and coordinate decorations of the stage for the 4-H Fair.

FAIR SPONSORSHIP COMMITTEE

Duty - create a tiered plan for 4-H Fair Sponsors.

Jason Reynolds, Co-Chairman - 317-645-6655
Molly Drummond, Co-Chairman - 317-696-6929
Gerrian deJong - 317-514-8511
Julie Hoffmeister - 317-529-2237
Lisa Mills - 317-908-6362
Jackie Morgan - 317-370-6642
Kathy Kreag Williams - 317-908-0794

FAIR ICE CREAM CONTEST COMMITTEE

Duty - organize ice cream crank-off during 4-H Fair and obtain sponsors.

Bill Root, Chairman - 317-665-0656
Leah Hahn - 317-690-4310
Greg Vollmer - 317-828-2751
Patti Vollmer - 317-507-1155
Kathy Kreag Williams - 317-908-0794

FASHION REVUE/CONSUMER CLOTHING COMMITTEE

Duty - organize educational workshop, day of judging, and public fashion revue.

Amber Blakley, Chairman - 317-850-1200
Alex French, Chairman - 317-691-1963
Lucinda Belt - 317-705-0941
Tina Boram - 317-773-2804
Betty Estridge - 317-846-2281
Donna Jones - 317-846-5698
Lisa Mills - 317-908-6362
Dani Robinson - 317-407-6969
Mary Robinson - 317-846-4555
Liz Trinkle - 317-374-4534
Carol Turner - 812-298-4108

FINANCE COMMITTEE

Duty - prepare budget for the coming year and present it to the Extension Board and County Council for approval.

Donna Lehman - 317-773-4144
Jackie Morgan - 317-370-6642

FOODS AUCTION COMMITTEE

Duty - supervise and manage the 4-H Foods Auction.

Cheryl Armstrong - 317-752-4715
Evelyn Burton - 317-519-5788
Lyneen Burrow - 317-697-6336
Leah Hahn - 317-690-4310
Jackie Morgan - 317-370-6642
Patti Vollmer - 317-507-1155

GOSPEL COMMITTEE

Duty - organize gospel service for Sunday during the 4-H Fair.

Victory Chapel Community Church - 765-534-4682
Rachelle Byerly - 317-758-5855

HAMILTON COUNTY SCHOLARSHIP FUNDS COMMITTEE

Duty - help secure funds for the Hamilton County 4-H Foundation during the fair.

Rachelle Byerly, Chairman - 317-758-5855
Nancy Bixler - 317-919-8540
Jennifer Huff - 317-371-6061
4-H Foundation Scholarship Winners from previous year.

MEMBER RECOGNITION COMMITTEE

Duty - select trips and awards for 4-H'ers based on applications.

Donna Jones, Chairman - 317-846-5698
Evelyn Burton - 317-519-5788
Rachelle Byerly - 317-758-5855
Valerie Carson - 317-773-8692
Gerrian deJong - 317-514-8511
Betty Estridge - 317-846-2281
Rosanna Kreider - 317-629-6546
Linda McCarty - 317-773-3901
Lisa Mills - 317-908-6362
Georgia Roudebush - 317-773-7542
Vivian Summeier - 317-773-4176

PEDAL TRACTOR PULL COMMITTEE

Duty - help plan and organize this event for children during the fair.

Young Farmers Organization

PET PARADE COMMITTEE

Duty - plan, coordinate, and organize the Pet Parade during the 4-H Fair.

Rachelle Byerly, Chairman - 317-758-5855
Julie Hoffmeister - 317-529-2237

PRE-FAIR MEALS

Duty - coordinate pre-fair meals for judges and volunteers.

Valerie Carson - 317-773-8692
Liz Trinkle - 317-374-4534

4-H PROMOTION COMMITTEE

Duty - promote the 4-H Fair.

QUEEN PAGEANT COMMITTEE

Duty - plan and coordinate Queen Pageant before and during the 4-H Fair.

Molly Drummond, Co-Chairman - 317-696-6929
Nina Lechner, Co-Chairman - 317-385-0287
Amanda Baitz - 317-910-7785
Sandy Baitz - 765-292-2628
Leah Hahn - 317-690-4310
Connie Kolb - 765-621-1627
Emilie Carson - 317-512-9643
Ashley Schultz - 317-428-8236
Carlye Frye - 765-969-3377
Emma Higginbotham - 317-385-6200

ROYAL SHOWMANSHIP COMMITTEE

Duty - plan and carry out contest.

Sherry Sheller, Chairman - 765-534-4631
Lynda Arbuckle - 317-773-5758
Becky Feigh - 317-650-3250
Gerrian deJong– 317-514-8511
Julie Hoffmeister - 317-529-2237
Ben Lehman - 317-691-7396
Allison Moos - 317-432-4391
Dawn Moos - 317-213-8515
Marilyn Nenni - 317-418-2258
Jenny Rumple - 317-670-4202
Aaron Sheller - 765-620-0477
Brittany Swackhamer - 765-412-1781
Jerry Urbanus - 317-508-9183

SUPREME SHOWMANSHIP COMMITTEE

Duty - plan and carry out contest.

Spencer Carson, Co-Chairman - 317-946-4450
Nathan Day, Co-Chairman - 317-607-3320
Amy Jackson Cowan, Dairy Supt. - 765-623-5873
Kim Nunley, Dairy Goat Supt. - 317-902-6941
Bob Huber, Swine Supt. - 317-439-4507
Chad Hartwick, Sheep Supt. - 765-623-2722
Sarah Reel, Meat Goat Supt. - 317-654-7127
Bruce Stewart, Horse Supt. - 317-402-6539
Kayla Tobias, Beef Supt. - 317-379-2853
Lisa Mills - 317-908-6362
Lyneen Burrow - 317-697-6336

TEN YEAR MEMBER RECOGNITION COMMITTEE

Duty - plan the recognition of 4-H members.

Rachelle Byerly, Chairman - 317-758-5855
Valerie Carson - 317-773-8692
Gerrian deJong - 317-514-8511

TRACTOR PULL STRIP COMMITTEE

Duty - plan maintenance at the tractor pull strip.

Jeff Hern - 317-796-0912
Jason Reynolds - 317-645-6655

TRASH COMMITTEE

Duty - supervise trash pick-up during the 4-H Fair.

Scott Tate, Chairman - 317- 997-9748
Chad Hartwick - 765-623-2722
Jason Reynolds - 317-645-6655
Ross Woodward - 765-621-4939

VOLUNTEER BANQUET COMMITTEE

Duty - coordinate, secure location, and decorate for program & banquet.

Evelyn Burton - 317-519-5788
Molly Drummond - 317-696-6929
Gerrian deJong - 317-514-8511
Amy Kavicky - 317-774-6826

WORK DAY COMMITTEE

Duty - organize the set-up day for the 4-H Fair including delegating responsibilities. Meets during Meet-a-thon.

David Brost - 317-440-0578
Chad Hartwick - 765-623-2722
Phil Miller - 317-446-3511
Dennis Reynolds - 317-752-4586

WORK DAY FOOD COMMITTEE

Duty - coordinate and contact 4-H Council members and leaders to bring food for lunches served on the Saturday work day before the Fair.

Rachelle Byerly, Chairman - 317-758-5855
Valerie Carson - 317-773-8692
Rosanna Kreider - 317-629-6546

General 4-H Information

Protected Under
18 U.S.C. 707

2020

www.extension.purdue.edu/hamilton

4-H . . . MORE THAN YOU EVER IMAGINED

4-H: A Different Kind of Youth Organization

Q. What is 4-H?

A. 4-H is a leader in youth development, which began on the local level in response to evolving needs for new kinds of educational experiences for youth. From the beginning, this youth-serving organization offered "hands-on" learning activities for young people so they might become productive citizens. Youth participants in 4-H activities have opportunities to offer positive contributions to our diverse and changing society. 4-H uses the far-reaching Cooperative Extension System network to offer youth programs and activities to diverse groups of young people in all 3,150 counties across our nation.

Q. What is the 4-H Youth Development Education program?

A. The 4-H Youth Development Education program provides co-educational "hands-on" learning experiences in subject areas of interest to youth. Young people who participate in 4-H programs develop citizenship awareness and leadership skills as they learn about new subject areas. Kids in 4-H have fun while they learn! Non-formal educational activities help young people fully develop their skills and talents.

While they are learning about photography, the environment, job skills, or public speaking, young people practice a variety of skills in 4-H that will last a lifetime.

4-H is a Community Program

Q. How did 4-H evolve?

A. 4-H began as a simultaneous response to needs throughout the country, rather than as the idea of one individual. The basis for this activity was to offer agricultural education to rural youth by organizing boys and girls clubs and through "learning by doing".

Q. Is there a 4-H program in my community?

A. There are Cooperative Extension 4-H staff in nearly all 3,150 counties across the United States. The county 4-H staff help people in local communities by providing information about projects and programs. They can tell you about fun and interesting "hands-on" learning opportunities available for youth in your community.

History of 4-H

4-H in Indiana was started in Hamilton County. In 1904, John Haines, Superintendent of Hamilton County Schools held a meeting for boys interested in learning to grow corn. Mr. Haines visited the project sites, held two instructional meetings, and had his members exhibit their projects at the end of the year. Mr. Haines was credited with planning the first junior club in Indiana. In 1912 girls' project clubs were added and in 1918 the club program became a part of the Agricultural Extension Program.

The Mission of 4-H

The mission of today's 4-H is to help youth and volunteers in their development through experiential educational programs, using the knowledge and educational base of Purdue University and the United States Department of Agriculture. It is accomplished through direct involvement of youth, adults, and the community. **4-H educational programs are designed to empower young people to become independent and participating members of their family and community by creating experiences to build self-confidence, developing inquiring minds, encouraging interpersonal cooperation, developing concern for the community, and teaching decision-making through real life participation.**

COMMON 4-H TERMS

4-H Record of Achievement

It is very important that members have a current record, as this is how 4-H'ers are selected for trips, awards, and scholarships. (Sample record of 4-H Achievement follows Common 4-H Terms).

Record Book Completion

A 4-H member is considered complete in their project work if they have "completed" their project book record sheet(s). It is the responsibility of the 4-H leaders to ***review*** the project books and contact the Extension Office prior to the 4-H project judging if a member is incomplete. The project record books should be neat and completed. The degree of completion will vary with the age of the member. There may be areas that the 4-H member cannot complete – an explanation should be given for this blank space (you may have to discuss this with your leader). Discuss the activities you have completed on your project(s) with your adult leader. ***See example on page 20 – 21 that can be used as a guideline.*** Please remember, a project with an incomplete project record sheet cannot be considered for a champion. It is important that all our 4-H volunteers are consistent in reporting incompletes. When you are in doubt, please do not hesitate to contact us at the Extension Office. There is an electronic version on the website at www.extension.purdue.edu/hamilton

4-H Project

A project has been described as a "piece of the world's work which I have chosen to do during this 4-H year. When completed, it will represent ME – my thinking, my skill of hands, my work ideals...my very best". 4-H uses the project as a tool to accomplish its major task...the development of boys and girls. It allows young people to "learn by doing". Its learning experiences expose young people to the knowledge, understanding, skills, and expected behavior of the particular area of interest chosen. The project provides for individualized learning. The actual project work is done by the member, usually at home – familiar spaces become the laboratory or workshop of informal education. A member may complete several items related to a project area.

Subject Areas

Each project covers a definite subject area. The project may be divided into as many as ten different divisions where the member completes one project division each year enrolled. The project advances from simple skills to more advanced skills and information in later divisions. The member builds on prior learning at a pace appropriate to the individual 4-H'er, usually based on the member's grade in school.

Project Manuals

A 4-H project manual contains help, information and direction needed to complete the project. Some projects have a manual for each division of the project. Others have one manual that the member uses throughout his 4-H career.

Project Records

Most projects have a record sheet which the 4-H'er uses to record the project expenses, income, work completed, and progress made in developing the project. Most records are simple, while others require the help of parents or club leader. Keeping up-to-date records is important to tell your project story (Sample General Record Sheet follows Common 4-H Terms).

Project Ribbons

What do the ribbon colors mean?

The Danish system uses color to signify different award levels. The 4-H Youth Development program awards ribbons in these colors:

- Purple (Superior): A purple is awarded to those entries that far exceed the average standard or meet the standards established for that particular class. This award indicates a near perfect exhibit.

- Blue (Excellent): A blue is awarded to those entries that exceed the average standard. This award indicates a certain degree of excellence that exceeds the average expectation and may be given to multiple participants.
- Red (Good): A red is awarded to those entries that meet the average standard or are slightly below the average standard established for that respective class. The general level of accomplishment meets expectations, but is less than excellent. Shortcomings are found in certain aspects to cause this ranking.
- White (Fair): A white is awarded to those entries that do not meet average standard. The level of accomplishment is less than expected. A ranking of white is deserved due to the severe shortcomings from the good standard.
- Green (Participation): A green is awarded when required components or pieces are missing from the exhibit.

Project Exhibit

Exhibits are required for most projects. This represents the member's year of work, and is usually displayed and judged (evaluated) at the County 4-H Fair. Parents should provide the "parent helper" role of offering encouragement and advice, but the exhibit should represent the member's skills and knowledge learned in the project. Remember, this exhibit is a small representation of what the 4-H member has learned through the 4-H process.

4-H Exhibit Judging

The exhibit judging is an evaluation held during the 4-H Fair. The evaluation serves as a learning experience for the youth. The exhibit is only one measure of success and achievement. Members experience self-recognition, self-satisfaction, and the feeling of success and accomplishment as they complete and exhibit a project at the Hamilton County 4-H Fair. As you prepare for the 4-H project judging, discuss the goals and procedures for the event with 4-H members in your club. The following are guidelines and suggestions for your club.

* Help everyone understand the purpose of judging:
    * by evaluating a sample of the 4-H member's work,
    * by helping members see progress he/she has made,
    * by helping members improve their skills.
* Set realistic goals based on age, available resources, and time.
* Adults can share their thinking and hopes, but should be careful not to impose adult goals on 4-H members. A person's goals should be his/her own.
* Recognize good work. Point out work that you believe is good work; explain why you think so.
* Provide constructive criticism/feedback, based on experience, standards, and guidelines- appropriate to the subject of the project and the age of the member.
* Be familiar with the guidelines or criteria of the 4-H project at both the county and the state level.
* Recognize that there is more than one way to complete a 4-H project. Creativity is a valuable personal ability; encourage creativity in completing 4-H projects.
* In competitive events, avoid over-emphasis on the winner. Help the 4-H member accept the results of the competition and realize that everyone is a winner through his/her own accomplishments and efforts.

Workshops

We all learn more quickly by listening, seeing and doing. Workshops are held at the county level with resource leaders each year as needed. You are encouraged to take advantage of this learning opportunity. Leaders and parents are always welcome to attend. Workshop dates and locations will be announced in the newsletter. Several areas also have workshops at local schools; contact your area leader for the dates. A workshop can also be held at the local club. A demonstration by the club leader or Junior Leader with the members participating is considered an educational workshop.

Insurance

If your club is holding a special activity or event, the American Income Life Insurance Company has a special policy available for 4-H Club use. The cost for the policy is minimal. Details and application forms are available in the Extension Office. The Hamilton County 4-H Council will provide a general 4-H Club Insurance policy.

To find an electronic file of My Record of 4-H Achievement, go to
www.extension.purdue.edu/hamilton
then click on Youth tab at the top, from the dropdown list select 4-H Forms

4-H 620-W

My Record of 4-H Achievement

(To be kept in your Record Book)

Name Clover Leaf

Date of Birth 07 (Month) 20 (Day) 2004 (Year)

Address 2003 Pleasant Street

Telephone (317) 555-2003

Noblesville (Town) 46060 (zip)

Club Hamilton County Clovers

Township Noblesville

Boy or Girl Girl

Parent or Guardian's Name John and Jane Leaf

Year	Project	Division/ Level	Number of Garments Dishes, Articles, Animals	Exhibit	Exhibits Placing	Record Grade
Ex. '01	Garden	1	17 varieties vegetables 100' x 75'	1 plate green beans	Local - County - Blue State - Red	A
2013	Arts/Crafts	Beg	4 paintings	1 oil painting	Blue *	A
2013	Food Prep	A-gr 3	3 manual activities; 9 dozen cookies	3 Snickerdoodles	Blue	B
2014	Collections	Beg	45 comic books	6 comic books	Blue *	A
2014	Food Prep	A-gr 4	3 manual activities; 8 batches of muffins	3 cranberry muffins	Res. Champ	A
2015	Collections	Beg	57 comic books	6 comic books	Champion	A
2015	Food Prep	B-gr 5	3 manual activities; 15 layer cakes	1 round layer cake	Red	C
2016	Food Prep	B-gr 6	3 manual activities; 10 batches of biscuits	3 no yeast biscuits	Blue	B
2016	Rabbits	Int	1 California Senior Doe	1 Senior Doe	Champion	A
2017	Food Prep	C-gr 7	3 manual activities; 15 dozen yeast rolls	3 butterhorns	Res. Champ	A
2017	Junior Leaders	gr 7	Junior Leader meetings/activities	Junior Leader manual		A
2018	Vet Science	Level 2	3 manual activities, workshop	1 educational poster	Blue *	A
2018	Food Prep	C-gr 8	3 manual activities; 13 loaves of whole grain yeast bread	1 loaf whole grain yeast bread	Blue	A

Year	Meetings Attended Local	County	Committee Work	Offices Held	Activities Participated In	Workshops Attended	Judging Events
Ex. 2001	7	8	Refreshments	Secretary	Fashion Revue	Clothing	Dairy Foods
2013	10		Refreshments	Song Leader	Social Display	Foods	Foods
2014	8					Foods	Foods Collections
2015	5					Foods	Foods Collections
2016	7			Recreation Leader		Foods Rabbits	Foods Rabbits
2017	7			Secretary	Halloween party, Zoo, Poinsettia	Foods	
2018	5			Treasurer	Day Camp Counselor	Foods Vet Science	Foods

Year	Public Speaking/ Demonstrations	Community Service	4-H Promotion	Trips Attended	Awards Received	Field Trips, Tours, Mass Media
Ex. 2001	Growing Squash	County Home Visit	Indiana 4-H Week Display	4-H Camp	1st Year Pin	Weather Station
2013		Visited a nursing home		4-H Camp	1st Year Pin	
2014		Pulled weeds at the fairgrounds		4-H Camp	2nd Year Pin	
2015	Foods Demo			4-H Camp	3rd Year Pin	
2016					4th Year Pin	
2017				4-H Round-Up	5th Year Pin	
2018	Vet Science Demo		Display at school festival		6th Year Pin	

Purdue University is an equal opportunity/equal access institution.

Project Record Sheets can be found on their respective project page at https://bit.ly/36fSRTs

General Record Sheets can be found at https://bit.ly/2neA0Xj

4-H 528

Indiana
4-H Club General Record

Project Scrapbook Album , Advanced division
(Fill in name and division of project)

Note: Use this record sheet for projects that do not have record sheets, to replace lost or damaged record sheets, or as your county designates.

Name Shannon Clover Grade (as of Jan 1 of current year) 9 Year 2018

Name of Club Hamilton County Clovers

County Hamilton Year in Club Work 7

Date Project Started January 8, 2018 Date Project Completed April 25, 2018

I have reviewed this record and believe it to be correct:

Signature of 4-H Leader Ima Leader Date 6/15/18

Signature of 4-H Leader _____ Date _____

Signature of 4-H Leader _____ Date _____

I. Tell about what activities you did to complete your project. List any articles you made.

I started my project by attending a Scrapbook Album workshop for 4-H'ers. The project leader told us the requirements of the project. Since I had taken the project the last 5 years, I already had my album and some of the supplies. It didn't take as long this year to get my photos and memorabilia and get them into chronological order. I then started designing my new pages. I also gave a hands-on demonstration/ workshop to my club on scrapbooking.

II. Tell about what you learned while you were working on this project.

* I learned how to plan an album, so it would tell a story.
* I learned to organize my photos and memorabilia.
* I learned proper storage of my photos and why I should use acid-free paper.
* I also learned the benefits of extensive journaling, so generations in the furture will know who I am and what life was like in 2018.

III. Time spent, cost, profit/loss, etc.

I spent about 1/2 hour a week sorting my photos and placing them in the album. I spent more time journaling again this year. Every year I feel that I get better at this. I had 10 pages left in my first album, but used them for other 4-H pictures. I purchased a new album this year.

Cost:	Album	$36.00 (can use for 3 years)
	Adhesive	$8.00
	Die Cut Shapes	$6.00
	Stickers	$10.00
	Page Protectors, Paper, etc.	$40.00
Total Cost:		$100.00

IV. Give any additional information your leader asks for.

I attended our county workshop.

It is the policy of the Purdue University Cooperative Extension Service that all persons have equal opportunity and access to its educational programs, services, activities, and facilities without regard to race, religion, color, sex, age, national origin or ancestry, marital status, parental status, sexual orientation, disability or status as a veteran. Purdue University is an Affirmative Action Institution.

This material may be available in alternative formats.

TODAY'S YOUTH – TOMORROW'S LEADERS

Who Can Be A 4-H'er

Youth may become 4-H members when they enter the third grade and continue their membership through the completion of grade 12. A member may continue membership for a maximum of ten (10) consecutive years.

The 4-H Name, Emblem, and Pledge

Q. Where did 4-H get its name?
A. The first use of the term "4-H Club" in a federal document appeared in 1918 in a bulletin written by Gertrude L. Warren. At a Washington, D.C. conference early in the 1920's, Miss Warren and several others favored the name "4-H Club Work". By 1924, wider usage of the name "4-H" was adopted and used thereafter, throughout the world.

Q. How was the emblem created?
A. The first emblem design was a three-leaf clover, introduced by O. H. Benson, between 1907-08. From the beginning, the three H's signified "Head, Heart and Hands".

A four-leaf clover design with H's appeared around 1908. Benson and others incorporated this design on posters, labels, etc. In 1911, Benson referred to the need for four H's rather than three- suggesting that they signify "Head, Heart, Hands and Hustle, ...Head, trained to think, plan and reason; heart trained to be true, kind and sympathetic; hands trained to be useful, helpful and skillful; and the hustle to render ready service to develop health and vitality." In 1911, at the meeting of club leaders in Washington, D.C., a committee recommendation was adopted approving the present 4-H design. O. B. Martin is credited with suggesting that the H's signify "Head, Heart, Hands, and Health" universally used since then.

The 4-H emblem was patented in 1924 and Congress passed a law protecting the use of the 4-H name and emblem in 1939, slightly revised in 1948.

Q. What is the pledge?
A. "I pledge my head to clearer thinking, my heart to greater loyalty, my hands to larger service, and my health to better living...for my club, my community, and my country." Otis Hall, State Leader of Kansas, was responsible for the original wording of the 4-H pledge, officially adopted by the State 4-H leaders at the first National 4-H camp in 1927. The pledge remained unchanged until 1973, when it was revised to include "and my world". This change was officially approved in 1973 by the Extension Committee on Organization and Policy.

The 4-H's
The emblem is a four leaf clover with an H in each leaf.

HEAD — Learning to think, making decisions, understanding the "why's", and gaining new and valuable knowledge.

HEART — Being concerned with the welfare of others, accepting the responsibilities of citizenship, determining values and attitudes by which to live, and learning how to work with others.

HANDS — Learning new skills, perfecting skills already known, and developing pride in work and respect for it.

HEALTH — Practicing healthful living, protecting the well-being of self and others, and making constructive use of leisure time.

These together are a fourfold development. Each leaf, each H is vital to every individual. You need to make sure all four H's become equally important to you.

4-H Symbols and Traditions

You will hear the basic purposes of 4-H stated in many different ways. The 4-H clover, pledge, motto, and other symbols and traditions have helped identify 4-H for many years.

4-H COLORS: It is most appropriate that green and white are the colors of 4-H. The green in the 4-H clover represents life, springtime, and youth. The white represents purity.

4-H SLOGAN: The slogan to "Learn by Doing" is a constant incentive to motivate 4-H'ers to strive toward acquiring new skills and knowledge. The results can mean a very productive and interesting life.

4-H MOTTO: "To Make the Best Better" is the goal of each member. The motto gives a special motivation not to be content with the present but always strive to make things better.

4-H PLEDGE:

I pledge my HEAD to clearer thinking,
MY HEART to greater loyalty
MY HANDS to larger service
MY HEALTH to better living for my Club, my Community, my Country, and my World.

INDIANA 4-H PROGRAM PHILOSOPHY AND EXPECTATIONS

The Indiana 4-H program serves the youth of Indiana by providing a strong educational youth development program. This program delivers educational experiences in a variety of settings. Caring, capable and contributing adults assist in the 4-H program as models for youth. The rich heritage of the 4-H Program is one to be valued and passed along to future generations.
The Indiana 4-H Youth Policy and Procedures Book sets out certain standards and guidelines to be used to assure that 4-H is a positive youth development program. County 4-H policy is guided by the county 4-H policy making or governing board (i.e., 4-H Council) as provided by the County Extension Board. Legal authority for the 4-H Program rests with the Director of the Cooperative Extension service at Purdue University. No county 4-H policy may conflict with state 4-H policy or with federal guidelines and requirements.

Deadlines for county and state participation should be carefully constructed so as to encourage rather than to discourage participation. Such deadlines should be well published. Members not complying with established and published dates and deadlines for exhibition may be denied the opportunity to exhibit.

It is the policy of 4-H to be an inclusive organization. No county policy or practice should be used to arbitrarily exclude youth from either membership or participation. Youth should participate in 4-H Youth Development opportunities at levels and times that best suit the youth's development and support family involvement.

4-H Club Membership

Youth may become 4-H members when they enter the third grade and may continue their membership through the completion of grade 12. A member may continue membership for a maximum of ten (10) years.

An individual's 4-H grade is determined by the school grade in which he or she is classified regardless of the time of year he or she enrolls in 4-H. A member does not advance in 4-H grade until he or she enrolls in 4-H for the subsequent school year. Each member should enroll in the division of a project that would best suit his/her interest and potential for personal growth and would enhance their family involvement.

Opportunities in the 4-H program are available to all Indiana youth as defined regardless of race, religion, color, sex, national origin, marital status, parental status, sexual orientation, or disability. Married young men and women of 4-H age may participate in any of the 4-H projects and activities. However, married persons must participate by the same terms and conditions and/or guidelines as unmarried participants. Membership in 4-H is gained by annually enrolling through a Purdue University Cooperative Extension Service Office located in each of Indiana's 92 counties.

The 4-H club year usually extends from one annual 4-H fair to the next. Enrollment is an annual process attained by completing the appropriate county 4-H enrollment form.

Mini 4-H Non-Competitive Policy

Mini 4-H is a program designed to encourage positive development of children, ***kindergarten through second grade***. The goal of Mini 4-H is to help young children explore friendships outside the family; explore the way in which things work; practice both small and large muscle control; and think about the ways people work together on projects.

The NON-COMPETITIVE learning environment for Mini 4-H includes:

* Planned learning activities in which children are invited to be active and explore materials and ideas without the pressure of completing a specific product or exhibit.
* Low adult/leader to child ratio that allows time for adults/leaders to provide individual, positive encouragement and assistance.
* Simple, interesting activities that are fun.
* Encouragement of children to participate in a group activity by sharing and or displaying their activity projects.
* Rewards that are identical and/or ribbons of the same color for everyone.

DO NOT JUDGE projects, but instead discuss them with the child.

Residence

Indiana youth typically enroll in 4-H in the county or state in which they reside. However, individuals living in one county may join 4-H in another county. There may be educational or social reasons for an individual joining 4-H in a different county than that of their primary residence. During a single calendar year, a 4-H member enrolled in a given project is expected to enroll and exhibit that project only in one county of enrollment.

In the event that a project is not offered in the county of primary 4-H enrollment, a 4-H member may enroll in that specific project in a different county. Approval of this special exception rests with the county 4-H policy-making or governing board (i.e. 4-H council) and/or the Extension Board of the receiving county. Participation in 4-H related activities and events (i.e., judging; share-the-fun) must be in the county of primary 4-H enrollment.

The above policy is not intended to provide an escape mechanism for troubled 4-H members and families who are unwilling to follow the terms and/or conditions in their current county of 4-H membership. Decisions regarding 4-H membership in a non-resident county (a county you do not live in), rest with the County 4-H Council and/or the Extension Board in the receiving county.

Guidelines for Exhibition and Completion

Following are policies that govern exhibition and completion of 4-H Projects:

Exhibition: Exhibition of 4-H projects in local, county, or state exhibits/fairs is voluntary on the part of the exhibitor. The exhibition of 4-H projects provides 4-H members an opportunity to display their 4-H projects, enter into competition and participate in an educational/social environment with peers. With exhibition also comes the responsibility for abiding by all the terms and conditions pertaining to the respective 4-H project.

Completion: The completion of a 4-H project must not be misinterpreted as exhibition of said project at a local, county, or state fair. 4-H members are considered complete in their project work for that year when they have (1) completed an "official" 4-H member enrollment form prior to the established and published date for enrolling; (2) turned in a completed 4-H project record sheet prior to the established and published date; and (3) had an officially recognized 4-H leader/ extension educator verify the existence of the completed project or activity. Through exhibiting in local, county, and state exhibits/fairs is not required for project completion, as it does not necessarily relate directly to content and skills learned in the development of the 4-H project, project exhibition is encouraged as a continuation of the educational experience.

Guidelines for Animal Exhibits

Each 4-H member shall own his/her 4-H exhibit. Ownership must be in effect on or before the county and state animal enrollment deadlines and continuously until after the 4-H show at the county and/or state fair.

* For 4-H breeding animals, family corporations and/or partnerships of 4-H members with one or more parents, siblings, grandparents, aunts, uncles, or a legal guardian are acceptable.
* For 4-H dairy cattle, family corporations and/or partnerships of the 4-H member with unrelated persons or dairy operations are also acceptable.
* Dairy heifers, horses, ponies, and llamas may be leased. These leased animals may be 4-H projects, subject to approval of the county 4-H dairy, horse and pony, or llama committee.
* 4-H animals purchased, sold or offered for sale after the animal enrollment deadline and prior to the Indiana State Fair, shall not be eligible to be shown in the 4-H show at the Indiana State Fair.
* 4-H animals shown under different ownership (than listed on the 4-H enrollment form) after the 4-H animal enrollment deadline, shall not be eligible to be shown in the 4-H show at the Indiana State Fair. This term/condition does not apply to siblings who may show each other's animals at any show during the year without jeopardizing State Fair eligibility, regardless of whether or not the sibling is a 4-H member. NOTE: This term/condition does not apply to the horse and pony program where a parent MAY also show the horse or pony after it has been enrolled in the 4-H Program.
* 4-H animals are expected to be in the possession and regular care of the 4-H member who owns/ leases them (unless other arrangements have been agreed upon by the county 4-H Council) from the animal enrollment deadline until the conclusion of the county and/or state fair.

THE 4-H ORGANIZATION

HAMILTON COUNTY 4-H PROGRAM

INDIANA 4-H

|
|
Extension Advisory Council (Elect Extension Board)
|
|
Extension Board
|
|
4-H Council, Inc.
|
|
4-H Expansion & Review
|
|
4-H Council Committees
|
|
Program Implementation
|
|

County 4-H Junior Leaders Organization	County 4-H Leaders & Volunteers Organization	4-H Project Resource Contacts & Superintendents

|
|
|
Local 4-H Clubs

INDIANA BEHAVIORAL CRITERIA

4-H members, Volunteers, Parents, and the Public: When attending, participating, or acting on behalf of the 4-H program, all persons are expected to conduct themselves in accordance with accepted standards of social behavior, to respect the rights of others, and to refrain from any conduct which may be injurious to the 4-H program. The following actions constitute misconduct for which persons may be subject to disciplinary penalties and/or dismissal from the program:

a. Dishonesty in connection with any 4-H activity by cheating or knowingly furnishing false information.
b. Alteration or the unauthorized use of 4-H records.
c. Obstruction or disruption of any 4-H activity or aiding and encouraging other persons to engage in such conduct.
d. Failure to comply or aiding or encouraging other persons not to comply with specific terms and conditions of a given project, contest, or activity.
e. Failure to comply with directions of 4-H officials acting in the proper performance of their duties.
f. Inhumane treatment of 4-H animal projects.

There are many opportunities for 4-H members, volunteers, parents and the public to participate in 4-H events and activities. When involved in such experiences, members, volunteers, parents and the public are expected to follow all rules and regulations as outlined by those responsible for the specific program or activity. In all such 4-H activities, the following constitute a violation of behavioral expectations:

1. Possession or use of fire crackers, gun powder, firearms, chemicals, or other materials that can be used to create an explosive mixture.
2. Misuse of fire equipment or sounding a false fire alarm.
3. Having a guest of the opposite sex in your sleeping quarters.
4. Physical or verbal abuse of any person or conduct which threatens or endangers the health or safety of any person.
5. Theft or malicious damage to property.
6. Possession, use, or distribution of alcohol, illegal drugs, tobacco, and tobacco-like products or other dangerous substances.
7. Lewd, indecent, or obscene conduct.
8. Unauthorized entry, use or occupancy of any facility.
9. Any conduct which threatens or interferes with maintenance of appropriate order and discipline or invades the rights of others.

When violations occur at out-of-county district, area, and/or state and/or national 4-H events, the following procedures will be followed:

a. The parents/legal guardians will be contacted to arrange transportation home for the violator(s) and
b. The local extension educator will be notified.

Behavioral Expectations of Hamilton County 4-H Members

Participating in 4-H can be an exciting learning opportunity for building new friendships and participating in new adventures which will enrich 4-H members' lives. These growth experiences require many people to function together harmoniously and all participants are expected to conduct themselves as ladies and gentlemen. Acceptable standards of behavior are expected at all county 4-H activities (meetings, workshops, local trips, pre and post fair activities, 4-H fair, etc.). The same behavior standards are expected at all regional, state, and national 4-H functions (meetings, trips, judging events, state fair, etc.), and are described in detail above.

Part of being a responsible 4-H member is working with other 4-H'ers and assisting leaders in preventing problems injurious to the 4-H program. It is imperative that our 4-H program maintain an orderly, safe, and disruptive free atmosphere conducive to educational youth development. 4-H members and adult volunteers are asked to behave responsibly, respecting the rights of others. 4-H members will be held accountable for their actions; consequently, we ask that they utilize self-control and make decisions regarding their actions as a reasonable citizen.

4-H Volunteers

4-H Volunteers working with youth must complete an Information Sheet, have references on file, and sign the Adult Behavioral Expectations (4-H 785) to promote the well-being of youth. These Adult Behavioral Expectations give faculty, educators, staff, and volunteers the opportunity to reaffirm their commitment and dedication to the well-being of young people. When all faculty, educators, staff, and volunteers sign a copy of this document, individuals are making a collective statement that youth in the 4-H program are being treated with respect, dignity, and attention to individual needs. The faculty, educators, staff, and volunteers who work with the 4-H program in Indiana are proud of the quality educational programs provided to the youth of this state and to their personal commitment to nurture the positive growth and development of youth.

In the role as a 4-H faculty, educator, staff, or volunteer they:

* Accept the responsibility to represent 4-H programs with dignity and pride by being a positive role model for youth.
* Conduct themselves in a courteous, respectful manner, exhibit good sportsmanship, and demonstrate reasonable conflict management skills.
* Be truthful and forthright when representing the 4-H Youth Development Program.
* Respect, adhere to, and enforce the rules, policies, and guidelines established by the Purdue University Cooperative Extension Service including all laws related to child abuse and substance abuse.
* Under no circumstances allow, consume, or be under the influence of alcohol or illegal drugs at 4-H Youth Development Program events or activities.
* Operate machinery, vehicles, and other equipment in a safe and responsible manner when working with youth participating in 4-H programs.
* Recognize that verbal or physical abuse, failure to comply with equal opportunity and anti-discrimination laws, or committing criminal acts are not acceptable practices in 4-H Youth Development Programs.
* Will accept supervision and support from salaried Extension staff or designated management volunteers.
* Will participate in orientation and training, which includes youth protection standards, sponsored by the Purdue Cooperative Extension Service.
* Will treat animals in a humane manner and teach program participants appropriate animal care and management.
* Will use technology in an appropriate manner that reflects the best practices in youth development.
* Volunteers sign and acknowledge that they have read and agree to abide by the behavioral expectations. They understand that failure to comply with these expectations may result in termination as a faculty member, educator, staff, or a volunteer.

Contact the Purdue University Cooperative Extension 4-H Youth Development Educator to find out more information on Adult Behavioral Expectations. New Volunteers are required to complete and Adult Information Sheet (4-H 784) listing references. Once reference information is returned to the Extension Office and approved, the Behavioral Expectation Sheet will be sent to the volunteer. When the Behavioral Expectation Form is returned, the individual is considered a Hamilton County 4-H volunteer.

Illustrated by: Alex Underwood

GRIEVANCE, APPEAL AND ENFORCEMENT POLICY

1. Grievances must be presented in writing with fee paid to the superintendent of the project or to the 4-H Council President within 24 hours of the incident. In the event a grievance is presented after the judging has begun on the item or activity in question, the judge will proceed and the grievance will be handled as if the grievance were presented following the judging. The burden of proof shall reside with the party filing the grievance. (NOTE: Concerns regarding staff or volunteers are not issues for which a grievance may be filed. 4-H Volunteers are assigned by the 4-H Extension Educator. Concerns regarding volunteers or other individuals should be addressed directly with the 4-H Extension Educator.)

    a. Complete grievance form (facing page) and have witnessed by a Notary Public.

        * Read and initial (Part A) each statement.
        * List specifically the term(s) and condition(s) that have been violated (Part B).
        * List the facts which support your allegation, attaching additional sheets as necessary. (Part C)
        * Part D- Before signing this form you must be in the presence of a licensed Notary Public.
        * The Notary Public must witness the signing of this form and then he/she must complete Part E.
        * Part F will be completed by the Superintendent of the project or the 4-H Council President upon receiving the grievance.

    b. Present Grievance Form and a $100.00 filing fee* in cash or by cashier's check (made payable to the Hamilton County 4-H Council, Inc.), to the Superintendent of the Project, or the President of the 4-H Council. The fee will be returned if grievance is upheld. The fee will be forfeited to the Hamilton County 4-H Council, Inc. if the grievance is not sustained.

2. The President of the 4-H Council will appoint a Grievance Committee consisting of five (5) 4-H Council members, two (2) Adult Volunteers (not members of the 4-H Council), two (2) Building/Barn Superintendents (not directly involved with the incident), and the Extension Educators. A member of the Extension Board will serve as Chairman of the Committee and will be a non-voting member. The project superintendent, club leader, or volunteer in charge of the 4-H activity in question will be asked to attend the committee meeting. They are a non-voting member to the committee.
3. The Grievance Committee will meet within 24 hours of grievance receipt or in a more timely manner if the situation warrants. If the grievance is of a programmatic nature, time constraints are not as crucial and may not follow the 24 hour requirement. Program grievances will still be handled in a timely manner.
4. The Grievance Committee will render a decision.
5. Person filing the grievance may appeal the decision to the Hamilton County 4-H Council. The 4-H Council will review the facts in evidence and render a decision.
6. Person filing the grievance may appeal the decision to the Hamilton County Extension Board. The Extension Board will review the facts and render a decision. This is the final level in the appeal process.

Note: The above procedure will also be followed for program issues. Time constraints of the above procedure are not as crucial in most instances for programmatic concerns. However, there will be a 14-day limit on the part of the person filing a grievance. The Extension Educator does have the obligation to inform all parties that there is a grievance procedure if there are disagreements with policies.* Filing fee will be waived in hardship conditions.

VIOLATION OF TERMS AND CONDITIONS

- If a violation of a Hamilton County 4-H term(s) and condition(s) occurs, the Building/Barn Superintendent or the 4-H Project Leader should notify a 4-H Council member and an Extension Educator at the time of the rule infraction. In all cases the statement must be verified.
- A Hamilton County 4-H Council, Inc. meeting will be called to determine if a term(s) and condition(s) has been violated. Violation of any rules, misstatement of fact or discourteous conduct towards a judge, volunteer or superintendent will exclude the exhibitor(s) from the right to exhibit and will forfeit all exhibit placings with the specific project involved. If the infraction involves a livestock project, then the exhibitor is ineligible to be in the Hamilton County Livestock Auction and to participate (if eligible) in the Supreme Showmanship Contest with any species for the current year.
- If a decision is reached by the Hamilton County 4-H Council, Inc. that the member is in violation, the 4-H member will be notified within 24 hours of the violation by the acting 4-H Council President, the involved Superintendent, and an Extension Educator.

Grievance Form

Part A
WARNING: You must read and initial this section before proceeding to complete this document.

_____ 1. I understand and agree that filing a grievance that alleges
A. facts that are not true, or
B. facts that I know are not true, or
C. facts I should know are not true:
will be considered a violation of the 4-H behavioral expectations.

_____ 2. I understand and agree that all statements made herein by me are subject to the pains and penalties of perjury, and I hereby affirm that my statements herein are true.

_____ 3. I understand that perjury is a crime in Indiana.

Part B
I, the undersigned, allege that the following term(s) and condition(s) have been violated:

Part C
The facts which support this allegation are set out as follows:
(If needed, additional sheets may be attached.)

Part D
I swear or affirm under the penalties of perjury [1] [2] that I have read, understand, and accept the above statement to be true, accurate, and complete. (Must sign in presence of Notary Public.)

Signed: _____ Date: _____

Print your name: _____

Address: _____

Phone:_____

Part E
Oath [3]
Before me, _____, A Notary Public in and for _____ County, State of Indiana, personally appeared _____ and he/she being first duly sworn by me upon his/her oath, says that the facts alleged in the foregoing instrument are true.

(signed) _____ My commission expires: _____

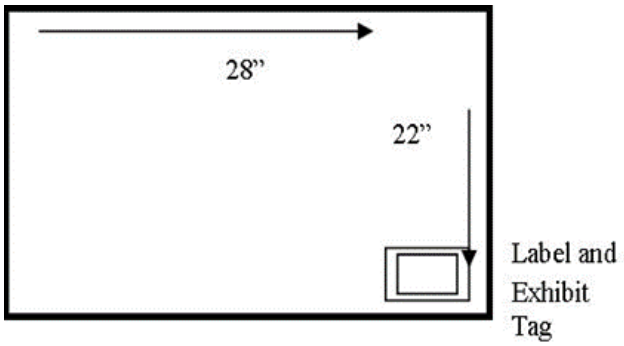
(SEAL)

Part F
Project Superintendent's/4-H Council President's Initials: _____ Time & Date submitted: _____

1. Perjury – knowingly making a false material statement under oath or affirmation, in Indiana, a person who commits perjury commits a Class D felony[4], which may be punishable by imprisonment, fine, or restitution (Indiana Code 35-44-2-1 and 35-50-2-7)
2. Prosecution for violations of Indiana law will be referred to the proper authorities.
3. Oath – An affirmation of truth of a statement before an authorized person.
4. Felony – A crime of graver or more serious nature that those designated as misdemeanors.

GENERAL RULES AND POLICIES
All exhibits must have been made since last year's fair.

1. 4-H members should enroll in a project or division of the project for which he or she is best suited and would give the most assistance to the family. A member always exhibits in the highest division completed.
2. A boy or girl living in one county may be a member in another county if it is more convenient.
3. Membership: Youth may become 4-H members when they enter the third grade and continue through grade 12. They may continue membership for a maximum of ten (10) consecutive years. An individual will be considered in the grade they are classified regardless of the time of year they enroll in 4-H and will advance in grade when they enroll in school the next year.
4. Local clubs have their own requirements decided upon by the club members through a voting process.
5. Hamilton County 4-H exhibits- All members will follow the instructions of their leaders for preparation of their projects for exhibit, transportation, and release of projects. The project exhibit is prepared according to the 4-H manual and Hamilton County Handbook.
6. Placing in all projects will be done on the Danish system. An exhibit may receive a blue, red, or white ribbon depending upon the quality of exhibits as indicated by the judge. All livestock exhibit classes will be placed first through final place, (Swine one thru ten) in addition to the Danish ribbon placing. In order for an exhibit to receive a Champion ribbon, an exhibit must be a blue ribbon exhibit and worthy of a Champion as indicated by the judge.
7. There must be three (3) entries in a section or class for a Champion to be selected unless the judge warrants a special Champion.
8. After Champion is selected, the second place exhibit in that same class automatically becomes eligible to show for Reserve; likewise a Reserve Champion to an exhibit selected for Grand Champion becomes eligible for Reserve Grand Champion.
9. Club Projects- A Champion will be given to a group or club exhibit but the exhibit will not be considered for a Grand Champion.
10. All exhibits must remain in place until officially released which will be on ***JULY 21*** from 9:00-11:00 a.m. and 5:00-7:00 p.m. This does NOT include non-sale livestock which are released from 7:00 a.m.-12:00 p.m. on ***JULY 21***. Cats, dogs, and pocket pets are released after judging.
11. EARLY RELEASE PENALTY- A 4-H'er who chooses to take their 4-H animals home prior to the fair animal release time, will incur the following penalty: 4-H'er will not be allowed to participate in the 4-H livestock auction of the current fair and will not be allowed to exhibit in the project at the next year's fair but will be allowed to complete the project the next year.
12. ALL MEMBERS MUST ENTER AND SHOW THEIR OWN ANIMALS. Exception: If the member has more than one (1) animal in a class. 4-H'er must get permission from Barn Superintendent to have another Hamilton County 4-H'er show their additional animal.
13. Records must be complete to be eligible for State Fair entry or to be eligible for Champion selection. Prior to judging, 4-H leaders will notify the Extension Office of incomplete records from their club ***(by Tuesday, JULY 7, 2020)*** and the highest ribbon received will be a red ribbon. Also those exhibiting livestock with incomplete records in addition to the above will be ineligible to participate in the livestock auction.
14. Doors will be closed to the public during all closed judging. See project requirements.
15. Poster Rules: All posters must be 22" x 28" (displayed horizontally) and have a hard backing (foam board, paneling, plywood, etc. are acceptable backings). Please note: Foam board may not be sold in the appropriate size. Measure foam board before using. All posters must be covered with clear plastic to protect them from dirt, etc. Plastic sleeves and ***foam board*** are available at the Extension Office for purchase**.** Plastic may be removed if the judge so desires. Poster board may be white or any color. (Mat board requires hard backing.) Displayed Horizontal – 28", Vertical – 22". Frames are not encouraged, and if used must not exceed size requirements (22" x 28"). A small information label approximately 2" x 3" should be located in the lower right hand corner of the poster under the plastic. Information label should include: name and club (unless specified otherwise in your project manual). Boards used as part of a larger exhibit are not considered posters. Fair Exhibit Tag should be placed on the outside of the plastic on the front of the poster. * Indicates Fair Exhibit Tag. This is a separate tag (available from your leader or at the Extension Office).



16. Late entries or incorrect exhibits will receive one (1) ribbon lower than the judge's decision. Leaders in charge of each project should write "late" on the label if the exhibit arrives after entry deadline. No late entry can receive more than a red ribbon. All Exhibits must be finished before entering the building for check-in.
17. Any project condoning or promoting the use of alcoholic beverages ***or illegal drugs*** will not be accepted for exhibit.
18. No item/project will be accepted after judging has occurred.
19. No overnight permits issued.
20. All unauthorized personnel will vacate premises by midnight.
21. Any exhibitor using excessive abuse on his exhibit animals will be eliminated from the show. Excessive abuse shall include burning, stabbing, gouging, punching, use of electric shocker, etc., which is considered cruel and inhumane treatment of show animals.
22. No alterations to the buildings will be allowed without prior approval of the Buildings and Grounds Committee.
23. No pets or livestock are allowed on the 4-H Grounds unless being shown with the exception of practice times and nursing animals.
24. No riding of bicycles, rollerblades, skateboards, scooters, or hoverboards on 4-H Grounds (bike racks located west of O. V. Winks Building).
25. No personal golf carts allowed on 4-H grounds.
26. Judging will be based on workmanship, preparation of articles for exhibit, suitability for purpose, beauty, and originality of design as well as harmony of colors and materials.
27. No exhibit will be released before the published release dates and times.
28. No article can be shown with a for sale sign.
29. No alcoholic beverages allowed on 4-H Grounds.
30. No smoking in any of the Buildings located on the 4-H Fairgrounds.
31. The Hamilton County Fair, Hamilton County 4-H Council, Purdue Cooperative Extension Service, and Hamilton County Extension Homemakers assume no liability of claims for the safety or damage of exhibits while on the 4-H Grounds. All entries are tendered and accepted upon that condition.
32. 4-H members will be expected to follow the behavioral code of conduct.
33. Records must be complete to participate in the livestock auction.
34. 4-H animals exhibited after the animal enrollment deadline (April 1 for steers and May 15 for all other animals) at any show by anyone other than the person listed on the Indiana 4-H animal enrollment form will not be eligible to be shown in the 4-H show at the Indiana State Fair. This term/condition does not apply to siblings and parents, who may show each other's animals at any show during the year without jeopardizing state fair eligibility. This policy applies to all 4-H animal projects. For animal projects without enrollment forms, the person who enters them in the Indiana State Fair 4-H show is the equivalent of the enroller of the animals.
35. All equipment being used at the Fair must be safe to 4-H members, livestock, and the general public. Unsafe equipment will be removed from the 4-H Grounds.
36. Livestock Rule: This rule will apply to all Beef, Dairy, Goats, Poultry, Rabbits, Sheep, and Swine exhibitors. No 4-H animal exhibit may be maintained at a professional fitters facility. A pre-approved committee of Hamilton County volunteers will be available during the Fair for each specie for those 4-H members wanting to learn, needing advice, and/or assistance in preparing their animal for exhibit. Contact the species superintendent for assistance.
37. Recommended proper attire for 4-H livestock exhibitors to wear when exhibiting livestock in the show ring: Livestock exhibitors are strongly urged to dress in a manner appropriate to show livestock. Examples of such appropriate dress would include button down shirts, golf shirts with collar, jeans or long pants, and, if possible work boots or work shoes to protect feet. It is suggested exhibitors not wear tank tops, T-shirts (other than those approved by the club), midriffs, halter tops, baggy pants, tops with spaghetti straps, shorts, cut offs, sandals, or tennis shoes. The judge may use these guidelines as a criteria for final placings.
38. Recommended Proper Attire for 4-H Open Judging Exhibitors: Open Judging Exhibitors are strongly urged to dress in a manner appropriated for your Open Judging Exhibit. The judge may take into consideration your attire when deciding final placings. Examples of such appropriate dress would include the following:
    Boys: Dress slacks or shorts, nice jeans, button down or polo type shirt with collar. It is suggested that exhibitors NOT wear tank tops, baggy pants, or cut-offs.
    Girls: Dress slacks or shorts, nice jeans, sundresses, skorts, skirts- all with appropriate tops. It is suggested that exhibitors NOT wear halter tops, baggy pants, cut-offs, midriff tops, or tops with spaghetti straps.
39. No clothing may be worn by an exhibitor that identifies farm name and/or breed during judged competition.
40. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include website links, people and professionals interviewed, books or magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibitor for the manner in which the references are listed.

Illustrated by: Charlie Canaday

Project Requirements

Protected Under
18 U.S.C. 707

2020

www.extension.purdue.edu/hamilton

ACHIEVEMENT RESUME

PROJECT SUPERINTENDENT:		Cathi Wahnsiedler, 317-849-7851, cathiwahn@aol.com Lucy Wahnsiedler, 317-550-9440, ljwahn817@gmail.com
EXHIBIT CHECK-IN:		Sunday, July 12, 4-6 PM
JUDGING:	Beginner	Monday, July 13, 8:30 AM Open Judging
	Intermediate	Monday, July 13, 9:00 AM Open Judging
	Advanced	Monday, July 13, 10:00 AM Open Judging
RELEASE:		Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRY:		No entries, County Project Only

Project Description:
4-H members are encouraged to begin this project after their first year of 4-H. Select a project category and list life skills (see project manual-an example would be "responsibility") acquired in all of the related project areas. Under each skill describe examples of the use of this life skill in your 4-H projects. You may enter up to three (3) separate resumes, each in a different category. 4-H'ers will learn how to develop documentation that can be used to apply for various 4-H scholarships in their advanced 4-H years. This project is especially helpful in preparing 4-H'ers for the Achievement Resume Scholarship.

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Project Guidelines:
4-H members are encouraged to begin this project after their first year of 4-H. Select a project category and report on all project areas and activity strengths. Maximum of three (3) entries, each in a different category. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

(7) Categories:

- Animal Science- includes such projects as any Livestock, Cat, Dog, Veterinary Science, Wildlife, etc.
- Citizenship- actions of doing with/for others through Junior Leaders or any project or activity
- Communications- include such projects as Public Speaking, Demonstration, Creative Writing, or any project in which you apply communication skills
- Engineering and Technological Science- includes such projects as Aerospace, Computer, Electric, Woodworking, etc.
- Healthy Living, Food and Nutrition Science- includes such projects as Foods, Health, etc.
- Leadership Development- includes such projects as Junior Leaders and any project where you have exercised leadership
- Plant and Environmental Science- includes such projects as Crops, Geology, Garden, Floriculture, etc.

** Contact the Project Leader if you need direction on your project category.

For all levels: Only 4-H project experience should be included. Although all of your cumulative life experiences are important to capture in your resume for college applications and employment applications, this project will only focus on documenting experiences and life skills from your 4-H journey.

NOTE:

- You may enter up to three (3) project exhibits; i.e. three (3) cover letter/resumes in three (3) different binders.
- You may enter in the same category every year. Your resume will reflect growth because you have added more life skills and examples. Plus, you can continually update your previous examples. For fun, you may want to keep previous resumes to see your writing skill development.

4-H Exhibit Requirements for each Level:

Beginner:

Exhibit a notebook (3-ring binder, soft or hard cover) with the required items presented in the order listed below. Protect each page in your binder with a plastic sleeve. Separate items with tabs. Create a cover or title sheet with your name and project category.

1. Cover Letter addressed to Achievement Resume Judge.
2. Pictures- Add a minimum of two (2) pictures each year. Your pictures must show you engaged in a 4-H project. Under or beside each picture, describe a life skill that you were developing in one (1) to three (3) sentences. We suggest one (1) picture per life skill example. (See sample list of life skills in the project manual.) These pictures will be a great reference for you as a senior 4-H'er to recall some of the details about the activities you have completed.
3. Each year you will build on your collection of pictures and life skill examples. Separation of pictures by year, using tabs, is recommended. Most current pictures should be in the front.
4. Copy of your "My Record of 4-H Achievement" pages from your Green Record Book. The Record of 4-H Achievement is excellent reference information. It will not be judged. Electronic templates of this form are available online on the Purdue Extension website.

Refer to project manual for examples.

Intermediate:

Exhibit a notebook (3-ring binder, soft or hard cover) with required items presented in the order listed below. Protect each page in your binder with a plastic sleeve. Separate items with tabs. Create a cover or title sheet with your name and project category.

1. Cover Letter addressed to Achievement Resume Judge.
2. Resume highlighting your life skills. (See instructions and sample provided in the project manual.) The resume should be a maximum of 1½ pages. 6th graders should include one (1) skill; 7th graders should include two (2) skills; and 8th graders should include three (3) skills.
3. Pictures- Add a minimum of two (2) pictures each year. Your pictures must show you engaged in a 4-H project. Under each picture, describe a life skill that you were developing. We suggest one (1) picture per life skill example. (See sample list of life skills in the project manual.) These pictures will be a great reference for you as a senior 4-H'er to recall some of the details about the activities you have completed. Each year you will build on your collection of pictures and life skill examples. Include pictures from previous years if applicable. Separation of pictures by year, using tabs, is recommended. Most current pictures should be in the front.
4. Copy of your "My Record of 4-H Achievement" pages from your Green Record Book. The Record of 4-H Achievement is excellent reference information. It will not be judged. Electronic templates of this form are available online on the Purdue Extension website.

Advanced:

Exhibit a notebook (3-ring binder, soft or hard cover) with required items presented in the order listed below. Protect each page in your binder with a plastic sleeve. Separate items with tabs. Create a cover or title sheet with your name and project category.

1. Cover Letter addressed to Achievement Resume Judge.
2. Resume highlighting your life skills. (See instructions and sample provided in the project manual.) The resume should be a maximum of two (2) pages. 9th graders should include four (4) skills; 10th graders should include five (5) skills; and 11th and above should add additional supporting statements to each of your five (5) skills.
3. Pictures from your basic and intermediate project if applicable. No additional pictures are required at this level, but can be included if desired. Additional pictures added will not be judged.
4. Copy of your "My Record of 4-H Achievement" pages from your Green Record Book. The Record of 4-H Achievement is excellent reference information. It will not be judged. Electronic templates of this form are available online on the Purdue Extension website.

AEROSPACE

PROJECT SUPERINTENDENT:	Elvina Beals, 317-502-3503, bealsem@gmail.com Darryl Beals, 317-606-0012, dbeals@applied-e-s.com
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 1 PM Open Judging
Rocket Launch (optional)	Monday July 20, 1 PM
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	One (1) rocket, remote control aircraft, or drone and one (1) poster/display board per level

Project Description:
The excitement and dreams participants experience in sending a rocket into space, making the first solo flight, becoming an astronaut or perhaps someday visiting other planets is never ending. The 4-H Aerospace project provides members countless hours of fun and excitement. No "Ready to Fly" or E2X rockets are acceptable in the 4-H Aerospace project.

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Project Guidelines:

- Complete a minimum of three (3) new activities (regular or optional) each year.
- Complete a minimum of one (1) new learning experience each year.
- Complete the Record Sheet and have it signed by your club leader.
- If your records are incomplete, you will NOT be considered for a Champion and you will NOT be considered for State Fair.
- Aerospace Card: 4-H members enrolled in Aerospace must complete and attach an Aerospace card to their exhibit. Cards are available in the Extension Office, online on the Extension website, or through your club leader.
- All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author.
- Rockets may be exhibited with a base, but launch pads are not permitted. All rockets must weigh less than 3.3 pounds and considered an amateur rocket according to FAA regulations.
- Remote control aircraft, or drones, may be constructed from a kit or purchased ready-to-fly.

Exhibit Requirements:

Beginner: Grades 3-5
Rocket of your choice, Estes Skills Level 1, 2, or comparable difficulty or a poster, display board on any topic in the manual (i.e., construct a paper airplane with a poster board explaining why you designed it the way you did). Cluster engine rockets and rockets that take an engine D or above are not permitted in this level.

Remote control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and Aerospace skills learned. Displaying the aircraft or drone is optional.

Intermediate: Grades 6-8
Rocket or other aerodynamic object of your choice, Estes Skills Level 2, 3, or comparable difficulty or poster, display board on any topic in the manual (i.e., glider plane (page 18) with poster explaining design). Cluster engine rockets and rockets that take an engine E or above are not permitted in this level.

Remote control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and Aerospace skills learned. Displaying the aircraft or drone is optional.

Advanced: Grades 9-12
Rocket of your choice, Estes Skills Level 3 or above, a Box kite or other aerodynamic object of your choice which illustrates principles of flight or poster, display board on any topic in the manual (i.e., Box kite (page 20) with poster explanation). Rockets that take an engine G or above are not permitted.

Remote control aircraft or drone of your choice that is age/grade appropriate and compliant with FAA regulations, federal and state laws, and local ordinances. This exhibit choice is to include a notebook or poster including how the aircraft/drone was used and Aerospace skills learned. Displaying the aircraft or drone is optional.

NOTE: No engines should be included in rockets.

OPTIONAL: A rocket launch is held during the fair for 4-H Aerospace exhibitors. You must exhibit an Aerospace project at the fair in order to participate in the rocket launch. You should make an additional rocket to launch. Exhibits will not be released for launching. You must inform project leader at check-in if you wish to participate in the launch.

Suggestions for your exhibit:

- Read the directions all the way through before starting your project.
- 4-H'ers in Beginner level may want to use an easy to assemble rocket with plastic fins and pre-painted body tube. More experienced Aerospace participants should choose a more difficult project.
- Do not try anything too difficult for your ability. Master each level before going on to the next. There are many things you can do, i.e. kit bashing (using parts from more than one (1) kit) or changing the size or shape of the fins or tubes (keep in mind that the rocket must be flyable).
- Make sure fins are straight and tightly attached. Do not over glue (make sure glue does not get on the body tube or fins) and make sure you do not have glue bubbles or holes at the places where fins and launch lug(s) are attached.
- Even if the rocket is already painted, paint the body tube and/or fins and nose cone if possible. Use spray paint with a length-wise motion (end to end). Stay at least 15 inches away from the rocket and use thin coats (too close or too heavy gets bubbly, mottled look).
- A smooth look is what you want. This means you sand and prime on wood parts and use spackling or other filler on body tubes and cardstock. Be sure to trim away flashing from plastic parts and sand until smooth.
- Make sure air bubbles are out of stickers and decals. If there are no decals with the kit and you would like to use some, you may find them in other kits you have at home, in car model kits, or bought at the hobby store.
- Make sure launch lugs are lined up properly and engine mounts are fixed.
- Make sure your shock cord is attached to the nose cone and the body tube (unless your instructions are different).
- Make sure there is wadding in the body tube and that the parachute is properly packed.
- Ask your parents, older 4-H member, or project leader for help if you don't know what to do.

ARTS & CRAFTS

PROJECT SUPERINTENDENT:	Basic Crafts -	Cindy Ogle, 317-435-3340, cindy_ogle@att.net
	Basic Crafts -	Emily Kuhn, 317-691-3708
	Ceramics -	Vivian Summeier, 317-773-4176, Fsummeier@att.net
	Fine Arts -	Nikki Boram, 317-716-4858, nikkiboram@gmail.com
	Models -	Robert Bray, 317-292-2044, robert.p.bray@gmail.com
EXHIBIT CHECK-IN:	ALL Crafts	Sunday, July 12, 4-6 PM
JUDGING:	Fine Arts	Monday, July 13, 8:30 AM, Closed Judging
	Ceramics	Monday, July 13, 8:30 AM, Open Judging
	Llama Craft	Monday, July 13, 8:30 AM, Open Judging
	Models	Tuesday, July 14, 8:30 AM, Open Judging
	Needlecraft	Monday, July 13, 8:30 AM, Open Judging
	Basic Craft	Tuesday, July 14, 8:30 AM, Closed Judging
RELEASE:		Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:		Basic Craft six (6) entries, Fine Arts two (2) entries, Llama Craft three (3) entries, Models two (2) entries, Needlecraft two (2) entries

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Project Guidelines:
A 4-H member may enroll in any of the four (4) specific crafts areas: Fine Arts, Needlecraft, Basic Craft, and Models with a **maximum of two (2) exhibits per area**. (Example: A child may exhibit as many as **two (2)** projects from the Needlecraft area, but they cannot have more than one (1) crochet or one (1) counted cross-stitch or embroidery, etc.) **They may exhibit only one (1) craft in each medium.** Llama Craft is under Llama project- see animal project requirements.

There will be a Beginner, Intermediate, and Advanced Grand Champion and Reserve Grand Champion selected in each of the following categories: Needlecraft, Fine Arts, Model Craft, and Basic Crafts. A new craft area may be considered for Champion if there are three (3) of the same project. These will be under the already existing categories. (Example: baskets- under Basic Crafts) Only the exhibits selected in the above categories will proceed to the State Fair (selected according to State Fair requirements). Use craft information card available in the Extension Office, online on the Extension website, or provided by your club leader. There are no division requirements. The member's projects should be appropriate for his or her age and ability level. The project should have been completed since last year's Fair.

It is recommended that your name or initials be found somewhere on the bottom of your craft for identification purposes. Must have three (3) entries in a section or class for a Champion to be selected unless the judge warrants a Champion.

Exhibit Requirements:

- All appropriate projects should be ready to hang.
- **Craft information cards**: 4-H members enrolled in the crafts project must complete and attach a craft card to their exhibit (a craft card is needed for each exhibit). Cards are available in the Extension Office, online on the Extension website, or through your club leader.
- No unfinished arts and crafts project will be exhibited.
- All exhibits must be ready for use.
- Records must be complete for project to be judged!
- No item will be accepted after judging occurs.

FINE ARTS- (Two (2) entries chosen for State Fair)- specific crafts are pictures on suitable paper or canvas using oils, watercolor, charcoal, ink, finger paint, pencil, chalk, pastels, acrylics, crayons, etc. ***"Paint by Number," Poster Paints, Scratch Art, Poured Acrylic Paint, and Melted Crayon art will be considered Basic Craft. May exhibit only one (1) craft in each media, two (2) per area.***

Prepare the picture for hanging, including matting, glass, framing, and hanging fixtures. Must use screw eye and wire or strap hanger and wire; hangers must be screwed into the ***frame***. No cardboard frames or easel-back frames accepted. ***TAPE*** exhibit tag and craft card ***to*** the back side of the picture.

PLEASE indicate on craft card the medium used to create the artwork!

- Oil Paint: frames with screw eyes and wire hangers. No glass, no matte necessary.
- Acrylic Paint: frames with screw eyes and wire hangers. If on stretched canvas or canvas board: no matte, no glass ***necessary***. If on paper or canvas paper: matted and under glass.
- Oil pastel, watercolor paint and watercolor pencil, chalk, pastel, pastel pencils, color sticks, Conte crayon, mixed media, pencil, colored pencil, charcoal, ink, marker, pen, and ink: framed with screw eyes and wire hanger. Matted and under glass.
- Remember your artwork should never be in direct contact with glass!
- Canvas art on a wooden frame is considered prepared for hanging provided that ***wooden*** frame has ***proper screw eye and wire hanger.***

NEEDLECRAFT- (Two (2) entries chosen for State Fair)- Specific crafts are crochet, knitting, embroidery, crewel, Bargello, tatting, cross-stitch, candle wicking, needlepoint, hand quilting, Huck or Swedish weaving or any other miscellaneous needlecraft made by hand, not machine. Does not include latch hook, plastic canvas, machine knitting, machine quilting, or arm knitting/crocheting. Each article exhibited must be finished and ready for use, i.e. hems in pillowcases. Any picture should be ready for hanging and completed for placement. Must have proper hanger: **(Must use screw eye and wire or strap hanger and wire; hangers must be screwed into the frame.)** No cardboard or easel-back frames; may not use picture stand. May exhibit only one (1) craft in each media, two (2) per area.

BASIC CRAFTS- (Six (6) entries chosen for State Fair)- specific crafts are latch hook, leather, macramé, reed craft, textile painting, batik, plaster items, plaques, decoupage, stained glass, yarn and fabric flowers, stuffed animals, handmade dolls, toys, dough art, jewelry, seed art, nature art, machine quilting, painting, hand-built and precast ceramics. Purchased bisque (pre-fired and ready to paint) will be put in separate class under miscellaneous. Metal craft, wood craft, string or wire art, tube and textile painting, machine knitting, tole painting, plastic canvas, or any other miscellaneous craft combining two (2) specific crafts or any other miscellaneous craft. All items that are to be hung must have hangers. No easels. **(Must use screw eye and wire or strap hanger and wire; hangers must be screwed into the frame.)** May exhibit only one (1) craft in each media, two (2) per area.

MODELS- (Two (2) entries chosen for State Fair)- Exhibits being cars, trucks, planes, boats, military, space, units and miscellaneous models. Units consisting of two (2) or more models. If the model is to be exhibited on a board, the board must not extend more than 1" beyond the model. Do not seal or tape display case shut. Do not wire, tape or glue model to boards or cases. Snap to models will be put under Models- however judge will not consider them for honors or Champions. No pre-assembled die cast models. If the model is being built from a kit, include a copy of the instructions with the craft information card. Display boxes are discouraged. May exhibit two (2) models per 4-H member in different categories. Example: Can exhibit a ship and a car. May not exhibit two (2) cars.

Exhibits must be a small scale replica and meet the following criteria:

- Must be of injected styrene plastics.
- At least 25% of the exhibit must be painted.
- Wood, paper, clay die-cast, or snap together models are not permitted at the State Fair.
- Screws are not permitted.
- Pre-painted or pre-decaled factory models are not permitted.
- Legos are not considered models and are to be exhibited under the project, Construction Sets.

BEEF BARBECUE

PROJECT SUPERINTENDENT:		Krissi Purpura, 765-602-0736, krissi.purpura@gmail.com Adam Hilton, 317-410-7397, adamhilton1@gmail.com
EXHIBIT CHECK-IN:	Poster	Sunday, July 12, 4-6 PM Friday, July 17, 5-6 PM
JUDGING:		To follow grilling
RELEASE:		Immediately following judging
STATE FAIR ENTRIES:		No entries, County project only

Project Description:
There are many benefits derived from learning more about barbecue cooking. Cooking on the grill is a fun way to entertain family and friends. You will learn a tasty new way to prepare your favorite foods. You will learn what the most desirable cuts of beef for the grill are as well as how to shop for them. You will gain valuable knowledge and experience in meal preparation. **No alcohol is allowed in recipes or in displays or any display that insinuates alcohol/wine, etc. No wine glasses.** All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author.

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Champions will be awarded in Beginner, Intermediate, and Advanced Beef Barbecue (both Cook-off and Posters). An overall Grand Champion Beef Barbecue will be awarded. One (1) Grand Champion will be selected from all Champion Barbecue (Beef & Chicken) posters.

Exhibit Requirements:

Beginner: Grade 3
Poster Division

- Read the manual.
- Build the fire and barbecue.
- Complete the record sheet.
- Exhibit at the Fair, a poster 22" x 28" showing pictures of you barbecuing step-by-step. See poster rules, Page 30, #15.

<u>Beginner:</u> Grades 4-5
Cook-Off Division

- Read the manual.
- Complete the record sheet.
- You must barbecue at least four (4) times for your family.
- Enter the County Fair barbecuing contest.

A cut of beef of your choosing must be barbecued on the 4-H Grounds. Bring charcoal grill, all equipment, supplies, beef, and ingredients that you will need for the contest. Contestant must build his/her own fire and barbecue his/her own beef entrée**.** Contestant will have 1½ hours after they have been asked to start their fire to barbecue their beef entrees and present it to the judge. You will be judged on use of equipment, building the fire, timing, appearance, doneness, and taste.

OR/BOTH

Poster Division– **<u>Beginner</u>**
You may elect to exhibit a poster instead of participating in the cook-off contest or you may do both. The rules for the poster are as follows:

- Read the manual.
- You must barbecue at least four (4) times for your family.
- Complete the record sheet.
- Exhibit at the Fair, a poster 22" x 28" on safety in beef preparation (for example, cooking, thawing, handling, use of utensils, and/or general preparation). See poster rules, Page 30, #15.

<u>Intermediate:</u> Grades 6-8
Cook-Off Division

- Read the manual.
- Complete the record sheet.
- You must barbecue at least four (4) times for your family.
- Enter the County Fair barbecuing contest.

A cut of beef of your choosing must be barbecued on the 4-H Grounds. Bring charcoal grill, all equipment, supplies, beef, and ingredients that you will need for the contest. Contestant must build his/her own fire and barbecue his/her own beef entrée. Contestant will have 1½ hours after they have been asked to start their fire to barbecue their beef entrees and present it to the judge. You will be judged on use of equipment, building the fire, timing, appearance, doneness, and taste.

OR/BOTH

Poster Division- **<u>Intermediate</u>**
You may elect to exhibit a poster instead of participating in the cook-off contest or you may do both. The rules for the poster are as follows:

- Read the manual.
- You must barbecue at least four (4) times for your family.
- Complete the record sheet.
- Exhibit at the Fair, a poster 22" x 28" on safety in beef preparation (for example, cooking, thawing, handling, use of utensils, and/or general preparation). See poster rules, Page 30, #15.

<u>Advanced:</u> Grades 9-12
Cook-Off Division

- Read the manual.
- Complete the record sheet.
- Barbecue beef at least four (4) times for your family, using at least two (2) different cuts of beef overall.
- Enter the County Fair barbecuing contest.

A cut of beef of your choosing must be barbecued on the 4-H Grounds. Bring charcoal grill, all equipment, supplies, beef, and ingredients that you will need for the contest. Exhibitor must build his/her own fire and barbecue his/her own beef entrée. Contestant will have 1½ hours after they have been asked to start their fire to barbecue their beef entrees and present it to the judge. You will be judged on equipment, building the fire, timing, appearance, doneness, and taste.

Poster Division- **Advanced**

You may elect to exhibit a poster instead of participating in the cook-off contest or you may do both. The rules for the posters are as follows:

- Read the manual.
- You must barbecue at least four (4) times for your family using at least two (2) different cuts of beef overall.
- Complete the record sheet.
- Exhibit at the fair, a poster 22" x 28" on safety in beef preparation (for example, cooking, thawing, handling, use of utensils, and/or general preparation). See poster rules, Page 30, #15.

Each spring a workshop is held at the 4-H grounds to assist the 4-H'ers and their families with education on grilling techniques, fire safety, using the proper cuts, grades of beef, rubs, marinades, etc.

BEEKEEPING

PROJECT SUPERINTENDENT:	Tracy Pielemeier, 317-847-4872, netherfield101@gmail.com
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM, Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Six (6) entries

Create an exhibit that shows the public what you learned in the beekeeping project this year. Follow poster rules (See poster rules, Page 30, #15). Choose one (1) of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title, so the judges know which activity you completed. You can also use a creative subtitle if you wish.

Levels:
Division 1
Division 2
Division 3 and above

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

NOTE:

- There are no age specification for Beekeeping exhibits.
- No beehives may be brought to the State Fair.
- Honey water content will be measured.
- Fill level: the honey should be filled to the jar shoulder, not over, nor under.

- Chunk honey should go in a wide-mouth jar, preferably one specially made for chunk honey (See Beekeeping catalogs).
- Be careful to distinguish “chunk honey” (comb in jar) from “cut comb” (comb only in box).
- Honey (including chunk, cut comb, and comb) must be collected since the previous county fair.

Exhibit Requirements:

Division 1 (may do 1 to 2 years) 4-H 571 Understanding the Honey Bee (One (1) State Fair entry)

1. Present one (1) of the following topics on a poster (See poster rules, Page 30, #15).
   - Flowers Used to Make Honey- display pressed flowers from ten (10) different Indiana plants that bees use for making honey.
   - Uses of honey and beeswax.
   - Setting up a beehive.
   - Safe handling of bees.

Division 2 (may do 1 to 2 years) 4-H 586 Working with Honey Bees (Unlimited State Fair entries, one per 4-H member)
Exhibit one (1) of the following:

1. Extracted honey- two (2) 1 pound jars extracted honey should be shown in glass or clear plastic, screw-top jars holding 1 pound of honey each.
2. Chunk honey (comb in jar)- two (2) 1 pound jars (wide-mouth glass or clear plastic).
3. Cut comb honey- two (2) 1 pound boxes. (This is usually displayed in a clear plastic box about 4½" x 4½" x 1⅛").
4. Working with Honey Bees- Present a topic from your manual to teach fairgoers about working with honey bees. Use your knowledge and creativity to display this information on a poster or in a notebook. Posters must follow the guidelines listed above.

Division 3 and Above (may do multiple years) (Unlimited State Fair entries, one (1) per 4-H member) 4-H 593 Advanced Beekeeping Methods
Choose one (1) of the suggestions for display and exhibit two (2) of the four (4) kinds of honey listed below or prepare an educational display (option #5):

1. Extracted Honey- Two (2) 1 pound jars (glass or clear plastic)
2. Chunk Honey (comb in jar)- Two (2) 1 pound jars (wide-mouth- glass or clear plastic)
3. Cut comb Honey- Two (2) 1 pound boxes. Boxes are usually 4½" x 4½".
4. Comb Honey- Two (2) sections (honey built by bees in frames of wood commonly called "sections.") Boxes are usually 4½" x 4½" in size.
5. Prepare an educational display about honey bees or beekeeping.

Independent Study: Grades 9 - 12, (one (1) State Fair entry)

1. Advanced topic- Learn all you can about a beekeeping topic and present it on a poster. Includes a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Beekeeping".
2. Mentoring- Exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Beekeeping Mentor".

BICYCLE

PROJECT SUPERINTENDENT:		Steve Summeier, 317-845-5227, ssummeier@gmail.com
EXHIBIT CHECK-IN:	***Poster***	***Sunday, July 12, 4-6 PM***
		Tuesday, July 7, 6 PM
JUDGING:	***Poster***	***Monday, July 13, 8:30 AM, Closed Judging***
		Tuesday, July 7, 6:30 PM
RELEASE:		Immediately following judging
STATE FAIR ENTRIES:		No entries, County project only

PROJECT DESCRIPTION:
Bicycle allows hands-on learning of bicycle safety and maintenance (bicycle parts, hand signals, traffic rules, etc.) through workshops and a bicycle rodeo.

Levels:
Junior **Grades 3-7**
Senior **Grades 8-12**

Exhibit Requirements:

1. Complete a minimum of three (3) activities each year from the project manual.
2. All participants will be scored on written quiz, maintenance/safety check of bicycle, parts, tools, accessories identification, bicycle operation on skill events, and safety while at the rodeo.
3. Each participant will take a written quiz. The Junior Division quiz will consist of fifteen (15) questions, and the Senior Division quiz will consist of twenty five (25) questions. Each question incorrectly answered will add four (4) points to the participant's score.
4. Quiz questions will be drawn from the Indiana 4-H Bicycle manuals. State traffic rules and regulations pertaining to the operation of cycles will be covered.
5. Junior Division participants will be expected to find five (5) maintenance and/or safety problems on a bicycle provided. Senior Division participants must find ten (10) maintenance and/or safety problems. A penalty of five (5) points will be assessed for each maintenance and/or safety item missed or incorrectly listed.

6. Junior Division participants will identify ten (10) bicycle parts, tools, or accessories and senior division participants will identify 20. Each item incorrectly identified will result in a five-point penalty.
7. Participants will be required to wear a helmet at all times when operating a bicycle on the rodeo course.
8. Participants will complete skill events #1 (city block) and #2 (Obstacle course) as specified in 4-H 733 "Suggestions for conducting an Indiana 4-H Bicycle Rodeo." Penalty points will be assessed as provided for in 4-H 733 "Suggestions for conducting an Indiana 4-H Bicycle Rodeo."

4-H'ers participate in the county Bicycle Rodeo including road test skills or if it is impossible to ride, exhibit a bike safety poster with your project book taped to the back of the poster. There will not be a plaque given in the bike safety poster area. Posters are due on check-in day the Sunday before the Fair.

NOTE: See poster rules, Page 30, #15. Posters do not qualify for State Fair. Project book must accompany poster. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

There will be a champion award given to the Junior and Senior levels in the bicycle rodeo. An overall Grand Champion will be given in the rodeo based on the participants' scores. Announcement of placings and presentation of ribbons will take place one (1) hour after completion of rodeo.

4-H'ers are encouraged to choose a bicycle appropriate for their age and size. Five (5) points will be added to the score for correct size bicycle.

CAKE DECORATING

PROJECT SUPERINTENDENT:		Tonya Cassell, 317-385-6019, tonyarcassell@yahoo.com
EXHIBIT CHECK-IN:	ALL Levels	Wednesday, July 15, 8-9 AM
JUDGING:	Advanced, Intermediate	Wednesday, July 15, 9 AM, Open Judging
	Beginner	Wednesday, July 15, 10:30 AM, Open Judging
RELEASE:		Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:		One (1) Beginner, One (1) Intermediate, and One (1) Advanced

PROJECT DESCRIPTION:
In the Cake Decorating project the 4-H member will learn and develop his/her skills for decorating cakes. Many areas of decorating are covered including, colors, shapes, techniques, designs, and much, much more!

LEVELS:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Project Guidelines:
The cake decorating subject provides skills-based educational experiences that provide an opportunity for mastery before building on that experience to develop more advanced skills. This subject area is divided into three levels: Beginner (Grades 3-5), Intermediate (Grades 6-8), and Advanced (Grades 9-12). While the defined grades are intended to be a guide, older youth enrolled in this subject for the first time may start in a lower grade skill level with permission by the county extension educator, followed by an appropriate level the following year.

Skills and techniques demonstrated should be age/grade appropriate. While it is not to say a beginner level member cannot master an advanced level skill, it would be rare and unique. Therefore, exhibited cakes must demonstrate the minimum five (5) techniques from their given level outlined in Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A, but may also include higher/lower level techniques that have been mastered. Any higher/lower level techniques will not be counted as part of the minimum five (5), but nevertheless will be evaluated for quality.

All exhibited cakes must be created using a Styrofoam, foam, or other solid dummy. Unless otherwise stated, cakes are to be iced using royal icing or buttercream. Buttercream icing will not withstand environmental conditions and may become soft, melt, not withhold its shape, and colors may bleed when being displayed an extended period of time. When displaying a cut-up cake or tiered cake, the exhibitor must include a diagram and description indicating how the cake was assembled. This diagram and description can be attached to or written on the skills sheet. All exhibits must include a completed Cake Decorating Skills Sheet (4-H 710) and must accompany the cake for the judge's reference during judging.

Beginner: Grades 3-5

Cakes must be on a cake board approximately 3/8" thick and ***2-4"*** larger than the cake. For example, if the cake is 8" in diameter, then the cake board must be ***10-12"*** in diameter. The cake board must be neatly covered and well taped or otherwise attached underneath. Cakes exhibited in the Beginner level are to be a single tier/layer, no more than 5" tall, and may be round, square, or rectangular and the cake board is to be no more than 12" x 12". A minimum of five (5) beginner level skills are to be demonstrated. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet.

A Cake Decorating Exhibit Skills Sheet (4-H 710) is to be attached to each Cake Decorating exhibit for judging. Sheet is available from the 4-H website **https://extension.purdue.edu/4h** or your county Extension Office. Complete the exhibit sheet as it instructs checking the category completed, circling the skill(s) exhibited and record the tip(s) used in making your exhibit.

Intermediate: Grades 6-8

Cakes must be on a cake board approximately 3/8" thick and ***2-4"*** larger than the cake. For example, if the cake is 9" x 13" rectangular, then the cake board must be ***11" x 15" to 13" x 17"*** rectangular. The cake board must be neatly covered and well taped or otherwise attached underneath. Cakes exhibited in the intermediate level are to be a single or double tier/layer, no more than 12" tall and may be any shape. Youth may choose to decorate an inverted (upside down) character pan or create a 3-dimensional cake. It is also permissible to cut-up pieces of Styrofoam, foam, or other solid material to create a new shape, like a butterfly or castle for example. The cake board is to be no more than 24" x 24". A minimum of five (5) intermediate level skills are to be demonstrated and the cake may include additional skills from the beginner level. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet.

A Cake Decorating Exhibit Skills Sheet (4-H 710), is to be attached to each Cake Decorating exhibit for judging. These exhibit sheets are available from the 4-H website ***https;//extension.purdue.edu/4h*** or your county Extension office. Complete the exhibit sheet as it instructs checking the category completed, circling the skill(s) exhibited and record the tip(s) used in making your exhibit.

Advanced: Grades 9-12

Cakes must be on a cake board approximately 1/2" thick and 4" larger than the base cake. For example, if the cake is 26" in diameter, then the cake board must be 30" in diameter. The cake board must be neatly covered and well taped or otherwise attached underneath. Cakes exhibited in the advanced level may be multiple layer and/or tiered and may include multiple cakes, like a wedding cake. Youth may choose to create a character or 3-dimensional cake by cutting-up pieces of Styrofoam, foam, or other solid material to create a new shape. Dowel rods, plates, etc. should be used to support multiple layers and tiers. Fondant icing, gum, and sugar paste is permissible. Cakes may be any shape, no more than 36" tall and the cake board is to be no more than 36" x 36". A minimum of five (5) advanced level skills are to be demonstrated and the cake may include additional skills from the beginner and intermediate levels. A list of skills to choose from can be found on the Indiana 4-H Cake Decorating Skills and Techniques, 4-H 710A sheet.

A Cake Decorating Exhibit Skills Sheet (4-H 701), is to be attached to each Cake Decorating exhibit for judging along with your assembly diagram. These exhibit sheets are available from the 4-H website ***https://extension.purdue.edu/4h*** or your county Extension office. Complete the exhibit sheet as it instructs checking the category completed, circling the skill(s) exhibited and record the tip(s) used in making your exhibit.

In Hamilton County we also have a TIERED CATEGORY (one (1) state fair entry is selected from the Advanced/Tiered Section).

Added Suggestions:

- If your exhibit was damaged in transit, but still "exhibit worthy", you will not be counted down.
- Advanced/Tier Division - Only one (1) exhibit from the Advanced/Tier Division combined can go to the State Fair. There is no rule of which goes - it is the judge's decision.

CHICKEN BARBECUE

PROJECT SUPERINTENDENT:		Beth Murphy, 317-564-4692, greaterjoy47@yahoo.com
EXHIBIT CHECK-IN:	Poster	Sunday, July 12, 4-6 PM
		Friday, July 17, 8:30 AM
JUDGING:		Friday, July 17, 9 AM
RELEASE:		Immediately following judging
STATE FAIR ENTRIES:		No entries, County project only

Project Description:
There are many benefits derived from learning more about barbecue cooking. Cooking on the grill is a fun way to entertain family and friends. You will learn a tasty new way to prepare your favorite foods. You will learn about the different parts of a chicken for grilling as well as how to shop for them. You will gain valuable knowledge and experience in meal preparation. **No alcohol is allowed in recipes or in displays**.

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Champions will be awarded in Beginner, Intermediate, & Advanced Chicken Barbecue. An overall Grand Champion Chicken Barbecue will be awarded. One (1) Grand Champion will be selected from all Champion Barbecue (Beef & Chicken) posters.

Exhibit Requirements:
Beginner: Grade 3
Poster Division

- Read the manual.
- Build the fire and barbecue boneless, skinless chicken breasts at least three (3) times for your family.
- Complete the record sheet.
- Exhibit at the Fair: A poster 22” x 28” showing pictures of you barbecuing step-by-step. See poster rules, Page 30, #15.

Beginner: Grades 4-5
Cook-Off Division

- Read the manual.
- Complete the record sheet.
- You must barbecue at least four (4) times for your family.
- Enter the County Fair barbecuing contest.

Boneless, skinless chicken breasts must be barbecued on the 4-H Grounds. You must have a minimum of one (1) pound of chicken.

Bring charcoal grill, a table, and all equipment, supplies, chicken, and ingredients that you will need for the contest. Contestant must build his/her own fire and barbecue his/her own chicken. You will be judged on use of equipment, building the fire, timing, appearance, doneness, and taste. **Presentation of product to the judge is very important.**

OR/BOTH

Poster Division– **Beginner**
You may elect to exhibit a poster instead of participating in the cook-off contest or you may do both. The rules for the poster are as follows:

- Read the manual.
- You must barbecue at least four (4) times for your family.
- Complete the record sheet.
- Exhibit at the fair, a poster 22" x 28" on safety in chicken preparation (for example, cooking, thawing, handling, use of utensils, and/or general preparation). See poster rules, Page 30, #15.

Intermediate: Grades 6-8
Cook-Off Division

- Read the manual.
- Complete the record sheet.
- You must barbecue at least four (4) times for your family.
- Enter the County Fair barbecuing contest.

Four (4) boneless, skinless chicken breasts must be barbecued on the 4-H Grounds. Bring charcoal grill, a table, and all equipment, supplies, chicken, and ingredients that you will need for the contest. Contestant must build his/her own fire and barbecue his/her own chicken. You will be judged on use of equipment, building the fire, timing, appearance, doneness, and taste. **Presentation of product to the judge is very important.**

OR/BOTH

Poster Division- **Intermediate**
You may elect to exhibit a poster instead of participating in the cook-off contest or you may do both. The rules for the poster are as follows:

- Read the manual.
- You must barbecue at least four (4) times for your family.
- Complete the record sheet.
- Exhibit at the Fair, a poster 22" x 28" on safety in chicken preparation (for example, cooking, thawing, handling, use of utensils, and/or general preparation). See poster rules, Page 30, #15.

Advanced: Grades 9-12
Cook-Off Division

- Read the manual.
- Complete the record sheet.
- Barbecue chicken at least four (4) times for your family.
- Enter the County Fair barbecuing contest. Chicken parts equaling whole chicken. i.e. two (2) breasts, two (2) thighs, two (2) legs, and two (2) wings must be barbecued on the 4-H Fairgrounds Grounds. Bring charcoal grill, a table, and all equipment, supplies, chicken, and ingredients that you will need for the contest. Exhibitor must build his/her own fire and barbecue his/her own chicken. You will be judged on equipment, building the fire, timing, appearance, doneness, and taste. Presentation of product to the judge is very important.

OR/BOTH

Poster Division - **Advanced**
You may elect to exhibit a poster instead of participating in the cook-off contest or you may do both. The rules for the posters are as follows:

- Read the manual.
- You must barbecue at least four (4) times for your family.
- Complete the record sheet.
- Exhibit at the fair, a poster 22" x 28" on safety in chicken preparation (for example, cooking, thawing, handling, use of utensils, and/or general preparation). See poster rules, Page 30, #15.

CHILD DEVELOPMENT

PROJECT SUPERINTENDENT:	
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 1 PM, Open Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Four (4) entries

Project Description:
The Child Development project provides members with knowledge, skills, and an understanding of human development, relating to others and self care. It also provides information on the basic job skills for babysitting and introduces careers related to child development. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Levels:
Level A **Grades 3-4**
Level B **Grades 5-6**
Level C **Grades 7-9**
Level D **Grades 10-12**

EXHIBIT REQUIREMENTS
Each year complete a minimum of three (3) activities out of your project manual. Your completed project manual and your exhibit must be in the same division (i.e. if you complete a Level B project manual, you must meet the requirements of a Level B exhibit). The project manual should be complete and signed by your leader. An activity card should be attached to the display explaining the age of the child the item is intended for and its purpose. Each year, you must complete at least three (3) activities, each from a different chapter.

Within the two (2) year period for Levels A & B, you should have completed at least six (6) activities, and at least one (1) activity from each of the five (5) chapters. Within the three (3) year period for Levels C & D, you should have completed at least nine (9) activities, and at least one (1) activity from each of the five (5) chapters.

Details for each exhibit option:
Poster:
See poster rules, Page 30, #15.

Three-ring Binder:
- Identification label on front of binder giving name of 4-H'er, club, grade, and year in project.
- Title page inside binder naming activity (or activities in Level C & D).
- Pages of activity and explanation to follow title page.
- Photographs are helpful to show the activity being used or assembled.
- Optional: Plastic sheet protectors, page decorations, binder cover decoration, etc.

Display:
- May be table top or floor style, not to exceed 36" x 36" x 36". (Display may include item(s) made in the activities you completed this year.)
- Must be self-supporting to be viewed by the public.
- Project activity card needs to be included with your display.

Level A (Grades 3-4)
Building A Bright Beginning
Choose one (1) of the following to exhibit:
1. Choose one (1) activity that you completed in this level. Design a 22" x 28" poster or a 3-ring binder notebook that reflects what you did with this activity. See poster rules, Page 30, #15.
2. Create a display no larger than 36" x 36" x 36" using one (1) of the activities from your project manual. Complete an Activity Card and attach it to the exhibit. A sample Activity Card is on page 40 of the manual. Use a 5" x 8" index card or larger cardstock to create your card.

Level B (Grades 5-6)
Building Blocks of Learning
Choose one (1) of the following to exhibit.
1. Choose one (1) activity that you completed in this level. Design a 22" x 28" poster or a three-ring binder notebook that reflects what you did with this activity. See poster rules, Page 30, #15.
2. Create a display no larger than 36" x 36" x 36" using one (1) of the activities from your project manual. Complete an Activity Card and attach it to the exhibit. A sample Activity Card is on page 40 of the manual. Use a 5" x 8" index card or larger cardstock to create your card.

Level C (Grades 7-9)
Building A Strong Foundation
Choose one (1) of the following to exhibit.
1. Design a 22" x 28" poster based on one (1) of the activities you completed in your manual or one (1) that promotes physical, emotional, or cognitive skills.
2. Display a binder notebook that includes the information from one (1) of the activities you completed this year.
3. Create a display no larger than 36" x 36" x 36" using one (1) of the activities from your project manual or one (1) that promotes physical, emotional, or cognitive skills. Complete an Activity Card and attach it to the exhibit. A sample Activity Card is on page 40 of the manual. Use a 5" x 8" index card or larger cardstock to create your card.

<u>Level D</u> (Grades 10-12)
Building Relationships Toward A Brighter Tomorrow
Choose one (1) of the following to exhibit.

1. Design a 22" x 28" poster based on one (1) of the activities you completed in your manual or one (1) that promotes physical, emotional, or cognitive skills.
2. Display a binder notebook that includes the information from one (1) of the activities you completed this year.
3. Create a display no larger than 36" x 36" x 36" using one (1) of the activities from your project manual or one (1) that promotes physical, emotional, or cognitive skills. Complete an Activity Card and attach it to the exhibit. A sample Activity Card is on page 40 of the manual. Use a 5" x 8" index card or larger cardstock to create your card.

CLOGGING

PROJECT SUPERINTENDENT:	Amanda Morrow, 317-341-2679, themorrows9799@att.net
EXHIBIT CHECK-IN:	Thursday, July 16, 7 PM
JUDGING:	EXHIBITION
RELEASE:	Immediately after Exhibition
STATE FAIR ENTRIES:	No entries, County project only

Project Description:
As a Four-Leaf Clover Clogger you will have the opportunity to participate in: Community Service and the 4-H Fair. Members are expected to attend workshops, complete a record sheet, and keep a notebook of the dance steps learned through the ten (10) week class.

Levels:
<u>Grades 3-12</u>

Exhibit Requirements:
The 4-H Clogging project exhibit is a non-competition performance at the Hamilton County 4-H Fair. It is for exhibition only.

COLLECTIONS

PROJECT SUPERINTENDENT:		Lee Ann Lockwood, 765-292-2067, llockwood@ccrtc.com
EXHIBIT CHECK-IN:	Intermediate & Advanced	Tuesday, July 14, 8-8:30 AM
	Beginner	Tuesday, July 14, 10:30-11:00 AM
JUDGING:	Intermediate & Advanced	Tuesday, July 14, 8:30-10:30 AM, Open Judging
	Beginner	Tuesday, July 14, 11 AM, Open Judging
RELEASE:		Immediately following judging
STATE FAIR ENTRIES:		No entries, County project only

Project Description:
Collections can be defined as the gathering of similar items, articles, objects, etc. The 4-H Collections project provides an avenue for collectors to exhibit one (1) of their most enjoyable past times. As each year passes, the exhibitor will increase his/her collection.

Levels:

<u>Beginner</u>	**Grades 3-5**
<u>Intermediate</u>	**Grades 6-8**
<u>Advanced</u>	**Grades 9-12**

Exhibit Requirements:
Exhibit six (6) representative samples of your collection from one (1) category. (You must exhibit six (6) different items every year.) **Each exhibited item should be labeled with a number, which should correspond to the item number in the Collector's Log.** In addition, a notebook or folder must be exhibited that includes your Record Sheet and story, Collector's Log, and Project Question Sheet. (These items may be computer generated). Space size should not exceed 24" x 36". Call the Extension Office if this size will not accommodate your exhibit. NOTE: Notebook or folder must have in the lower right corner: Name, club, and level. Collector's log was revised in 2017.

NOTE: No knives, guns, or other weapons may be displayed; pictures of weapons may be displayed instead. You must also exhibit a 5" x 7" photograph of yourself and your collection. Please provide your name and club name on the back of your picture. Please paper clip the picture inside your notebook or folder (do not glue or tape the picture inside your notebook). The 5" x 7" picture will be removed after judging is completed and displayed during the fair in Hall C. You may pick up your picture when projects are released, or the picture will be placed in your leader's file. All items except your picture will be taken home after judging.

COMPUTER

PROJECT SUPERINTENDENT:	Andrew Schmidt, 317-774-4286, adschmidt@bsugmail.net
EXHIBIT CHECK-IN:	Monday, July 13, 8-8:30 AM (All Levels)
JUDGING:	Monday, July 13, 8:30 AM, All Levels Open Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Three (3) entries total ***(one entry per grade level division)***

Project Description:
4-H members will find the Computer program challenging and fun. Youth will learn how to interact with computers, use a variety of software, add hardware, and take advantage of information from the internet. All notebooks and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Project Guidelines:
- Complete a minimum of three (3) new activities each year.
- Complete the Record Sheet and have it signed by your club leader.
- If your records are incomplete, you will NOT be considered for a Champion and you will NOT be considered for State Fair.

Exhibit Requirements:
Youth enrolled in the computer project will select one (1) of the below subject categories to study, regardless of grade. Youth may choose to create an exhibit demonstrating skills learned during the year. ***Submit on a thumb drive securely attached to a notebook/portfolio describing accomplishments, skills learned, design ideas, budget, a summary of what was done, etc. Poster exhibits are not acceptable. Youth may continue in the same subject category in subsequent years expanding on the previous year's topic, or choose a new topic.***

Subject categories are:

• Block Based Programming • Text Based Programming • Computer Forensics
• Web Design and Computer Entrepreneurship • Hardware and Networking Design/Install/Repair

Software must be compatible on both PC and Mac platform. If additional software other than Microsoft Office Suite is required to view the member's work, that software must be provided by the member and comply with all manufacturer copyright laws. Apps can be Android or IOS compatible.

All notebooks/portfolios must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include website links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be the last page of a notebook or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.

Exhibit Options -

Blocked Based Programming:

Beginner - Grades 3-5 - Create a block based program using Scratch, Code Studio, Alice, or another graphic programming language of your choice. You should comment your work and it must include at least ten (10) different commands. Skills this program could use are:

- ***Sequece*** • ***Iteration*** • ***Conditionals*** • ***Variables*** • ***Loops*** • ***User Input***

Intermediate - Grades 6-8 - Create a block based program using Scratch, Code Studio, Alice, or another graphic programming language of your choice. You should comment your work and it must include at least ten (10) different commands. Skills this program could use are:

- ***More robust demonstration of Beginner Skills*** • ***Modularization*** • ***Lists***

Advanced - Grades 9-12 - Create a block based program using Scratch, Code Studio, Alice, or another graphic programming language of your choice. You should comment your work and it must include at least ten (10) different commands. Skills this program could use are:

- ***More robust demonstration of Intermediate Skills*** • ***Parameters*** • ***Recursion***

Text Based Programming:

Beginner - Grades 3-5 - This option is not available.

Intermediate - Grades 6-8 - Create a text based program of your choosing using any text based language you are comfortable in. The code should demonstrate an understanding of at least four (4) of these skills:

- ***Commenting*** • ***Correct syntax*** • ***Variables*** • ***Loops*** • ***Conditionals***
- ***User Input*** • ***Algorithms*** • ***Functions*** • ***Lists***

Advanced - Grades 9-12 - Create a text based program of your choosing using any text based language you are comfortable in. The code should demonstrate an understanding of at least eight (8) of these skills:

- ***More robust demonstration of Intermediate Skills*** • ***Interact with databases*** • ***Classes***
- ***Integrate multiple languages into one program*** • ***Inheritance*** • ***Objects***
- ***Methods***

Web Design and Computer Entrepreneurship:

Beginner Web Design and Computer Entrepreneurship - Grades 3-5 - Build a businesslike website demonstrating a knowledge of:

- ***Use a website builder to create your website***
- ***Insert non-stock image into your site***
- ***Use a template to achieve a unified look***
- ***Explain CSS in your documentation, what CSS is and why it's important***
- ***Must have at least two (2) pages and include all items listed above***

Intermediate Web Design and Computer Entrepreneurship - Grades 6-8 - Build a businesslike website demonstrating a knowledge of:

- ***Create your own site or use a website builder***
- ***Modify existing HTML***
- ***Use HTML5***
- ***Modify existing CSS***
- ***Have a unified theme throughout***
- ***Use a photo editing software to create custom images***
- ***Must have at least five (5) pages and include all items listed above***

Advanced Web Design and Computer Entrepreneurship - Grades 9-12 - Build a businesslike website demonstrating a knowledge of:

- ***Create a custom site using appropriate industry tools***
- ***Have a responsive website***
- ***Add useful and appropriate plugins***
- ***Test for and eliminate bugs***
- ***Include links for social media***
- ***Include custom audio/video***
- ***Must have at least ten (10) pages and include all items listed above***

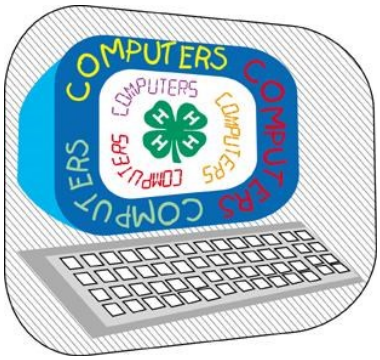
Computer Forensics (id theft, online bullying, ethical use of technology, responsible social media use):

Beginner Computer Forensics - Grades 3-5 - Research and create a 3-5 minute presentation on one (1) of the following topics. Present to a group of peers and have an adult leader verify, create a YouTube or MP4 instructional video, or printed slides and notes using PowerPoint or similar presentation software.

- ***Media Balance and Well Being***
- ***Privacy and Security***
- ***Digital Footprint and Identity***
- ***Relationships and Communication***
- ***Cyberbullying, Digital Drama and Hate Speech***
- ***News and Media Literacy***

Intermediate Computer Forensics - Grades 6-8 - Research and create a 6-8 minute presentation on one (1) of the following topics. Present to a group of peers and have an adult leader verify, create a YouTube or MP4 instructional video, or printed slides and notes using PowerPoint or similar presentation software.

- ***Digital Citizenship:***
  - ***Media Balance and Well Being***
  - ***Privacy and Security***
  - ***Digital Footprint and Identity***
  - ***Relationships and Communication***
  - ***Cyberbullying, Digital Drama and Hate Speech***
  - ***News and Media Literacy***
- ***Cyber Security:***
  - ***Ethics and Society***
  - ***Security Principles***
  - ***Classic Cryptography***
  - ***Malicious Software***
  - ***Physical Security***
  - ***Web Security***



***Advanced Computer Forensics - Grades 9-12* - Research and create a 10-12 minute presentation on one (1) of the following topics. Present to a group of peers and have an adult leader verify, create a YouTube or MP4 instructional video, or printed slides and notes using PowerPoint or similar presentation software.**

- ***Digital Citizenship:***
  - ***Media Balance and Well Being***
  - ***Privacy and Security***
  - ***Digital Footprint and Identity***
  - ***Relationships and Communication***
  - ***Cyberbullying, Digital Drama and Hate Speech***
  - ***News and Media Literacy***

- ***Cyber Security:***
  - ***Ethics and Society***
  - ***Security Principles***
  - ***Classic Cryptography***
  - ***Malicious Software***
  - ***Physical Security***
  - ***Web Security***

Hardware and Networking Design/Install/Repair:

***Beginner - Grades 3-5* - Choose 1-2 items from the list and create a report/presentation (including images) of what you did.**

- ***Deconstruct and reconstruct a computer***
- ***Learn and report how binary works and how computers use numbers***
- ***Troubleshoot hardware problems***
- ***Explore operating systems***
- ***Investigate open source resources***
- ***Install/upgrade operating systems***
- ***Design a dream machine (give reasons)***

***Intermediate - Grades 6-8* - Choose 1-2 items from the list and create a report/presentation (including images) of what you did.**

- ***Identify network hardware***
- ***Design a computer network***
- ***Explain Internet Protocol***
- ***Explain different protocols to communicate***
- ***Add peripherals to a network***
- ***Secure a networked computer***
- ***Share applications simultaneously***
- ***Setup a Raspberry Pi or other micro-controller***

***Advanced - Grades 9-12* - Choose 1-2 items from the list and create a report/presentation (including images) of what you did.**

- ***Design and implement a computer network***
- ***Secure your network***
- ***Understand technology needs in your community***
- ***Help to solve these needs by organizing a committee or team to work on identified issues***
- ***Teach a computer science class to younger 4-H'ers***
- ***Build your dream computer***
- ***Network multiple micro-controllers***
- ***Research careers in technology***

Exhibit Option

- Exhibits are to be submitted on a thumb drive securely attached to a notebook/portfolio describing accomplishments, skills learned, design ideas, budget, a summary of what was done, etc. as the exhibitor will not be able to discuss their work with a judge. Youth may continue in the same subject category in subsequent years expand on the previous year's topic, or choose a new topic.
- Software must be compatible on both PC and Mac platform. If additional software other than Microsoft Office Suite is required to view the member's work, that software must be provided by the member and comply with all manufacturer copyright laws. Apps can be Android or IOS compatible.
- All notebooks/portfolios must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include website links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed.
- Poster exhibits are not acceptable.

Fair Judging

If you need special equipment other than what is listed below, you MUST provide that equipment for your computer presentation during judging. The following equipment will be provided for you during the 4-H Fair computer open judging:

PC Laptop with CD/DVD
Mousepad and mouse
LCD Projector
Speakers
WiFi

CONSTRUCTION SETS

(Lego is no longer a part of the Crafts project)

PROJECT SUPERINTENDENT:		Robert Bray, 317-292-2044, robert.p.bray@gmail.com
EXHIBIT CHECK-IN:	Intermediate & Advanced	Tuesday, July 14, 2-2:30 PM
	Beginner	Tuesday, July 14, 4-4:30 PM
JUDGING	Intermediate & Advanced	Tuesday, July 14, 2:30 PM, Open Judging
	Beginner	Tuesday, July 14, 4:30 PM, Open Judging
RELEASE:		Immediately following judging
STATE FAIR ENTRIES:		No entries, County project only

Project Description:

Lego kits will be judged separately from Lego displays of original design. BTR, Mega Blocks, and other Lego-compatible brands will be judged together. The miscellaneous division will include Ellos, Erector Sets, and other construction sets. You may also include information about your display (i.e. how you designed it, or what materials you used for the base) on a poster, in a notebook, or any way you see fit. You may display your project on a model board, in a display case, in a box, or any other way that enhances your project. Be creative! All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author.

Levels:

Beginner **Grades 3-5**
Intermediate **Grades 6-8**
Advanced **Grades 9-12**

Divisions:

Legos- Kits
Legos- Original Design
K'nex
Miscellaneous

Size of Display- Space size should not exceed 30" x 36". ***No Exceptions.***

Picture- 4-H'er must also exhibit a 4" x 6" picture of yourself with your completed construction set project. Please provide your name and club name on the back of your picture.

Record Sheet- Construction sets project will use a general record sheet.

Awards- A Champion and Reserve Champion will be awarded in each division of each level. A Grand Champion and Reserve Grand Champion will be selected in each level. The Grand Champions, Reserve Grand Champions and Champions will be displayed at the 4-H Fair. All other projects will be taken home and your picture will be on display.

CONSUMER CLOTHING

PROJECT SUPERINTENDENT:			Alex French, 317-691-1963, fromthefrenches@gmail.com
EXHIBIT CHECK-IN:	Notebooks		Tuesday, July 7, 8 AM-Noon
JUDGING:	Modeling/Interview	Beginner	Tuesday, July 7, 5:30 PM
		Intermediate	***Tuesday, July 7, 6 PM***
		Advanced	***Tuesday, July 7, 6:30 PM***
	Fashion Revue		Friday, July 17, ***7:00*** PM
RELEASE:			Tuesday, July 21, 9-11 AM , and 5-7 PM
STATE FAIR ENTRIES:			Notebooks Only, one (1) per level

Project Description:
We all invest a lot of time and money in clothing. The Consumer Clothing project will help members make all-around wise clothing decisions.

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Exhibit Requirements:
Consumer Clothing will be judged during the private Fashion Revue. All Consumer Clothing notebooks must be turned in to the Extension Office on or before July 7, 2020 at Noon. Private judging will be in the evening on July 7, 2020. Turn in record sheet with notebook. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author.

Notebook: The following contents should be included in order in your 3-ring style binder: Title Page, Table of Contents, 5" x 7" Picture showing 4-H member modeling exhibit outfit, Answers to Manual Activities, Story of your Outfit, and Record Sheet. Only one (1) binder per member will be accepted. *Additional pictures can be used (optionally) with activities only. Notebook will be judged on content. One (1) notebook from each level will be eligible for State Fair.

**For personal safety concerns, notebooks exhibited should only contain name, county, grade, level and club, and no personally identifiable information such as mailing address or phone number.

Project Guidelines:
Beginner (Grades 3-5)

- Complete one (1) activity from each group in the manual. Write your results or answers in a notebook. Label each activity. This will help you talk to the judge easily.
- Help purchase an item of clothing that you'll wear with other clothes in your wardrobe. Examples might be slacks, blouse, jeans, shirt, sweater, or sweatshirt. Choose an accessory to go with your purchase. You might buy shoes, sweatband, belt, jewelry, or socks.
- Model your purchases. Tell the judge about them, what you learned, and about the activities you completed.

Intermediate (Grades 6-8)

- Complete one (1) activity from each group in the manual. Write your results or answers in a notebook. Label each activity. This will help you talk to the judge easily.
- Purchase and accessorize a casual or school outfit. You may purchase accessories or select from items you already own.
- Model your outfit. Tell the judge about your purchases, what you learned, and about the activities you completed.

Advanced (Grades 9 and above)

- Complete one (1) activity from each group in the manual. Write your results or answers in a notebook. Label each activity. This will help you talk to the judge easily.
- If a member has completed all activities in the manual in prior years, the member is to consult with their extension educator, leader, or mentor to create an activity. When assembling the exhibit notebook be sure to include a note to the judge explaining how the activity was determined and the intended objectives.
- Choose an outfit and accessorize it. You may purchase or select from items you already own.
- Model your outfit before a group. Tell them about your activities in this year's project and how you plan to use this year's purchases in your future wardrobe.

Price Hang Tags and Receipts are not to be included in Binders.

CREATIVE WRITING

PROJECT SUPERINTENDENT:	Tyson McFall, 317-373-1541, tjmcfall@purdue.edu
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM, Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	No entries, County project only

Project Description:
This project is designed to give you an opportunity to explore or refine your writing skills and to display your creativity. Writing is a skill that you will use your entire life. You write papers for school, emails and letters to family and friends, and some day you will use your writing skills in your career.

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Categories:

1. **Short Story**- Exhibit is a fictional short story, play, or screenplay. Length depends on your exhibitor level.
2. **Poetry**- Exhibit is a poem or song lyrics of any length or style.
3. **Children's Story**- Exhibit is a story written specifically for young children and includes illustrations.
4. **Comic Book**- Exhibit is a comic book that includes illustrations. Length depends on your exhibitor level.
5. **Micro-fiction**- Exhibit is a story told in exactly 50 words, no more and no less.

Exhibitor Requirements:

Beginner- Grades 3-5

One (1) of the following: A short story of 50-300 words, a comic book of eight (8) or more panels, a poem or children's story of any length, or a micro-fiction of 50 words exactly. Include record sheet with project.

Intermediate- Grades 6-8

One (1) of the following: A short story of 300-800 words, a comic book of fourteen (14) or more panels, a poem or children's story of any length, or a micro-fiction of 50 words exactly. Include record sheet with project.

Advanced- Grades 9-12

One (1) of the following: A short story of 800-1300 words, a comic book of twenty (20) or more panels, a poem or children's story of any length, or a micro-fiction of fifty (50) words exactly. Include record sheet with project.

Project Guidelines:

1. Only one (1) exhibit is required to complete the Creative Writing project. However, you may choose to have an entry in multiple project categories, but may not have more than one (1) exhibit in an individual category.
2. All exhibits should be typed or handwritten clearly.
3. Please submit two (2) copies for judging, so that the judge may mark on one (1) copy, while the other is "clean" for displaying at the fair.
4. All exhibits must have been written since the previous year's county fair. Work that has been judged in any writing contest is ineligible for 4-H competition. All exhibits must be the exclusive work of the 4-H member. No group projects, collaborations, or fan-fiction should be submitted for judging.

5. ***Each entry is to have a title page with the following information: Title, Author, Date, Project Category, Exhibitor Level, and 4-H Club.***
6. You may exhibit writing that you did for school, so long as it meets the project requirements. Do not turn in pages with grades or teacher comments; reprint or rewrite your exhibit so it is clean and easy to judge.
7. All exhibits must be submitted in a binder, folder, or report cover to keep it neat and clean during judging and display at the fair.
8. Only the basic binder, folder, or report cover is required. However, you may decorate the cover or use your creativity to personalize your project. You may use any tools available to you to present your exhibit in the best possible way, such as professional binding, laminating, etc. These are optional and above and beyond the basic exhibit requirements. Make sure you concentrate on the project, before the presentation of it.
9. See Creative Writing project manual for more information on each category guidelines.

CROPS

PROJECT SUPERINTENDENT:	George Kakasuleff, 317-410-6252, kakygp@yahoo.com
EXHIBIT CHECK-IN:	Thursday, July 16, 8-10 AM
JUDGING	Thursday, July 16, 10 AM, Open Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	No entries, County project only

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Crops must be grown in at least a one (1) acre field. Accurate Crop Information Cards are an important part of the judging process.

NOTE: You may work with a crop producer to grow your crops. (parents, grandparents, uncle, neighbor, etc.)

Poster option:
You may choose to exhibit a poster on your selected crop. Posters must follow poster requirements. See poster rules, Page 30, #15. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author.

CORN
Project Guidelines:
Complete record sheet (pages 1 & 2).

Exhibit Requirements:
Crop Information Cards should be filled out in detail and accompany all crops exhibits.
Exhibit three (3) green plants with roots, dirt washed off roots, Crops Information Card attached.
Corn plants will be exhibited dry.

HAY (Alfalfa)
Project Guidelines:
Complete record sheet (pages 1 & 2).

Exhibit Requirements:
Crop Information Cards should be filled out in detail and accompany all crops exhibits.
Alfalfa Hay- Exhibit ½ bale of alfalfa hay.
Exhibit must be harvested after previous year 4-H fair.

HAY (Mixed)
Project Guidelines:
Complete record sheet (pages 1 & 2).

Exhibit Requirements:
Crop Information Cards should be filled out in detail and accompany all crops exhibits.
Mixed Hay- Exhibit ½ bale of mixed hay.
Exhibit must be harvested after previous year 4-H fair.

OATS
Project Guidelines
Complete record sheet (pages 1 & 2).

Exhibit Requirements:
Crop Information Cards should be filled out in detail and accompany all crops exhibits.
Exhibit one (1) gallon of grain. Bring to fair in one (1) gallon or larger plastic pail covered with clear plastic wrap.
Exhibit must be harvested after previous year 4-H fair.

SOYBEANS
Project Guidelines:
Complete record sheet (pages 1 & 2).

Exhibit Requirements:
Crop Information Cards should be filled out in detail and accompany all crops exhibits.
Exhibit three (3) green plants with roots, dirt washed off roots. Keep roots wet on way to fair.
Soybean plants will be hung by roots for judging.

WHEAT
Project Guidelines:
Complete record sheet (pages 1 & 2).

Exhibit Requirements:
Crop Information Cards should be filled out in detail and accompany all crops exhibits.
Exhibit one (1) gallon of grain. Bring to 4-H Fair in one (1) gallon or larger plastic pail covered with clear plastic wrap.
Exhibit must be harvested after previous year 4-H fair.

DEMONSTRATION PROJECT

PROJECT SUPERINTENDENT:		Phil Anderson, 317-294-2775, rethinkphil@gmail.com
EXHIBIT CHECK-IN:	4-H Demonstration	Saturday, July 18, 10:30 AM
JUDGING:	4-H Demonstration	Saturday, July 18, 11 AM, Open Judging
RELEASE:		Immediately following judging
STATE FAIR ENTRIES:		Three (3) entries per category, with Beginners participating at County level only.

Project Description:
Effective communication drives all aspects of day-to-day life. Youth are to learn about the process of communications, to learn about different modes of communications and to strengthen their own communications skills. As you explore the world of communications and the manuals, you will enjoy learning more about yourself and others.

Demonstration
Informative 4-H Presentation
Professional Persuasive Presentation

Levels:
Beginner **Grades 3-5**
Junior **Grades 6-8**
Senior **Grades 9-12**

Exhibit Requirements:
Beginner– Beginner entries are not eligible for State Fair**.** Complete three (3) activities out of the project manual.

Grades 3-4
- Must present one (1) demonstration to your 4-H club.

Grade 5
- Must present one (1) demonstration to your 4-H club.

Junior– Junior entries are eligible for the State Fair contest.

Grade 6

- Must present one (1) demonstration to your 4-H club.
- Must make one (1) presentation to a group other than your 4-H club. Examples- school, church, scouts, performing arts, or other extra-curricular activity. (Have group leader sign record sheet.)

Grade 7

- Must present one (1) demonstration to your 4-H club.
- Must make two (2) presentations (speech, demonstration, etc.) to groups other than your 4-H club. Examples- school, church, scouts, performing arts, or other extra-curricular activity. (Have group leader sign record sheet)

Grade 8

- Must present one (1) demonstration to your 4-H club.
- Must make two (2) presentations (speech, demonstration, etc.) to groups other than your 4-H club. Examples- school, church, scouts, performing arts, or other extra-curricular activity. (Have group leader sign record sheet).

Senior

Grades 9-12

Each year, all Senior members must do the following:

- Must present one (1) demonstration to your 4-H Club.
- Must make three (3) presentations (speech, demonstration, etc.) to groups other than your 4-H club. Examples- school, church, scouts, performing arts, or other extra-curricular activity. (Have group leader sign record sheet).

Complete one (1) additional activity from the following list:

1. Introduce a guest or a speaker to a formal group.
2. Volunteer four (4) hours taking telephone messages in the community.
3. Present a 4-H promotion demonstration to a non 4-H group.
4. Audio record your county demonstration.
5. Video record your county demonstration.
6. Conduct an interview with a former 4-H'er about their 4-H experiences. (Include a copy of at least six (6) questions used in the interview).
7. Conduct an interview with an adult in your area of career interest. (Include a copy of at least six (6) questions used in the interview).
8. Conduct an interview with an adult on any topic. (Include a copy of at least six (6) questions used in the interview.)
9. Be interviewed for a job.
10. Promote 4-H and community activities through 4-H Junior Leaders events, such as Ag Day, camps, workshops, etc.

Demonstration

Project *Guidelines*:

- The exhibitor will prepare and make a presentation to show the audience step-by-step procedures how to do something related to any project. Examples of a demonstration include how to take a prize winning photograph, how to give an intramuscular antibiotic injection or shot, how to design a mini-barn blueprint, how to construct a garment, how to develop a wildlife rehabilitation plan, how to treat a cat for fleas, etc.
- The demonstration should be of practical nature and should not require expensive or difficult to handle equipment.
- Project activities for each age category must be completed or the exhibitor will be dropped a ribbon.
- Demonstrations can be a team effort in all age divisions.
- Members may use a PowerPoint, Keynote, Prezi, or other digital presentation application, signs, and other props that will enhance their presentation when giving their how-to demonstration to the audience from a stage or stage -like setting. If digital media will be used to enhance the presentation, contestants are encouraged to provide their own laptop computer. If the laptop is not equipped with a standard VGA external video connection, the contestant will need to supply an appropriate adapter. While a standard PC laptop will be available, the quality and compatibility of the digital media cannot be guaranteed as PowerPoint will be the only digital media available.

- Live animals are not permitted.
- There is no interaction with the audience.
- Questions may be asked of the contestants by the judges following the demonstration.
- Categories will be Beginner Individual, Junior Individual, Senior Individual, Beginner Team, Junior Team, and Senior Team.

Beginner
1. Grades 3-4 Time: ***two to three (2-3) minutes***
2. Grade 5 Time: three to five (3-5) minutes

Junior
1. Grades 6-8 Time: five to seven (5-7) minutes. Judges will penalize contestants not meeting these time limits.

Senior
1. Grades 9-12 Time: five to ten (5-10) minutes. Judges will penalize contestants not meeting these time limits.

For State Fair- Each County may have no more than three (3) entries in each of these categories**.** Beginner contestants will participate at the County level only.

Informative 4-H Presentation

Project Guidelines:

- This contest allows the 4-H member to present a topic of their choice related to a 4-H event, project, or activity to the audience
- Examples of an informative 4-H presentation include the benefits of attending 4-H Round-Up, State 4-H Junior Leader Conference, Science Workshops, or Citizenship Washington Focus; the impact of a community service project on the 4-H members involved and their community; why a family should enroll their children in 4-H; how 4-H prepares a young person for the workforce or college, etc.
- Members may use a PowerPoint, Keynote, Prezi, or other digital presentation application, signs, and other props that will enhance their presentation when giving it to the audience from a stage or stage-like setting. If digital media will be used to enhance the presentation, contestants are encouraged to provide their own laptop computer. If the laptop is not equipped with a standard VGA external video connection, the contestant will need to supply an appropriate adapter. While a standard PC laptop will be available, the quality and compatibility of the digital media cannot be guaranteed as PowerPoint will be the only digital media available.
- Live animals are not permitted.
- There is no interaction with the audience.
- Questions may be asked of the contestants by the judges following the informative 4-H presentation.
- Categories will be Beginner Individual, Junior Individual, Senior Individual.

Beginner
1. Grades 3-4 Time: ***two to three (2-3) minutes***
2. Grade 5 Time: three to five (3-5) minutes

Junior
1. Grades 6-8 Time: five to seven (5-7) minutes. Judges will penalize contestants not meeting these time limits.

Senior
1. Grades 9-12 Time: five to ten (5-10) minutes. Judges will penalize contestants not meeting these time limits.

For State Fair - Each County may have no more than three (3) entries in each of these categories. Beginner contestants will participate at the County level only.

Professional Persuasive Presentation

Project Guidelines:

- Contestants will be required to research a public issue in their community, collect data showing how this issue is or could affect their community, formulate a plan to address this issue, and present it in a professional manner using electronic digital media such as PowerPoint, Prezi, etc.
- Contestants are to submit three (3) sets of accompanying handouts at registration. These handouts will be provided to the judges. These handouts should not just be a copy of the presentation, but are to include supporting documentation (graphs, charts, photos, etc.).

- It is suggested that youth practice by presenting their professional presentation to service clubs, 4-H council or fair board, government officials, or other boards.
- Examples of public issues could be the lack of accessibility to trails or public parks, congested traffic locations, public health issues, impoverished neighborhoods, school dropout rates, the size of farm machinery outgrowing the size of roads, etc.
- Members must use a PowerPoint, Keynote, Prezi, or other digital media presentation application when giving it to the audience from a stage or stage-like setting.
- Other props may be used to enhance the presentation but are not required.
- Live animals are not permitted.
- Questions may be asked by the judges following the professional presentation.
- There is no interaction with the audience.
- Categories will be Beginner Individual, Beginner Team, Junior Individual, Junior Team, Senior Individual, and Senior team.

Beginner
1. Grades 3-4 Time: ***two to three (2-3) minutes***
2. Grade 5 Time: three to five (3-5) minutes

Junior
1. Grades 6-8 Time: five to ten (5-10) minutes. Judges will penalize contestants not meeting these time limits.

Senior
1. Grades 9-12 Time: five to ten (5-10) minutes. Judges will penalize contestants not meeting these time limits.

For State Fair – Each County may **have no more than three (3) entries in each of these categories.** Beginner contestants will participate at the County level only.

ELECTRIC

PROJECT SUPERINTENDENT:		Carol Schmidt, 317-441-6829, dcakschmidt@comcast.net
EXHIBIT CHECK-IN:		Sunday, July 12, 4-6 PM
JUDGING:	Division I	Monday, July 13, 8:30 AM, Open Judging
	Division II	Monday, July 13, 9:30 AM, Open Judging
	Division III	Monday, July 13, 10:30 AM, Open Judging
	Division IV & Advanced	Monday, July 13, 11 AM, Open Judging
RELEASE:		Tuesday, July 21, 9-11 AM and, 5-7 PM
STATE FAIR ENTRIES:		One (1) entry for Div. I and a total of five (5) entries for Div. II and higher

Project Description:
The 4-H electricity/electronics project develops practical skills such as safe practices, proper use of fuses and circuit breakers, proper lighting and wiring techniques, as well as life skills in the area of decision making, using science and technology, and developing communication skills. **Select a division to start based on skill level.** More information can be found at http://www.extension.purdue.edu/hamilton/4-Hprojects.aspx and also at ***https://extension.purdue.edu/4h***.

Levels:
Division I
Division II
Division III
Division IV
Division Advanced

Project Guidelines:
NOTE: Project member may choose to display a poster or a display board that relates to a topic in your divisions manual rather than a wiring project. If so, posters and display boards must follow poster rules, Page 30, #15, must be 22" x 28" and be displayed horizontally.

While a poster has pictures, diagrams and wording, a display board also has objects fastened to it. Record sheets do not need to be turned in with the exhibit.

Exhibit Requirements:
All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Division I: Getting On Track With Electricity or Electric City CD
Complete two (2) activities in manual.
Exhibit ONE (1) Circuit board using kit. Circuit board should be ***no larger than 6" by 6"*** and must be labeled to identify whether it is "parallel" or "series" circuit. Include batteries with your circuit board exhibit. Circuit kits are available for purchase in the Purdue Extension office along with pre-cut ready to stain boards.

Division II: Scoring Electricity Through Magnetism
Complete three (3) activities in manual.
Exhibit ONE (1) magnetic powered flashlight using kit OR a poster (See poster rules, Page 30, #15) on a topic described in the manual. Kits are available for purchase in the Purdue Extension office along with pre-cut ready to stain boards.

Division III: Altering Your Thoughts About Electricity
Complete three (3) activities in manual.
Exhibit ONE (1) of the following and adhere to project manual requirements:

- Build an extension cord using all new parts.
- Build an incandescent or fluorescent trouble light using all new parts.
- Repair an extension cord or trouble light by replacing the cord, plug, connector body, or socket handle with a new part(s). It is recommended that you attach a note describing the repairs and possibly before and after pictures of the work that was done to correct the dangerous parts.
- Create a poster about: (See poster rules, Page 30, #15)
  - ◊ Wire size
  - ◊ Wire type
  - ◊ Current carrying capacity
  - ◊ The parts of an extension cord or trouble light
  - ◊ An important safety-related topic
  - ◊ Any topic covered in the Division III manual

Kits are available for purchase in the Purdue Extension Office. For safety reasons, a special **RUBBER COATED, SHATTER RESISTANT Rough Service Bulb** is required for trouble lights if you do NOT use the fluorescent trouble light kit available for purchase in the Purdue Extension office.

Extension cord or trouble light MUST include a card explaining HOW the exhibit will be used. This note tells the judge if the materials used are consistent with its intended purpose as discussed in manual.

Division IV: Lighting The Way
This is the first year that you will NOT be building an item from a kit. Your lamp design is up to you! However, you MUST carefully follow the Exhibit rules starting on page 11 of your manual. It is not possible to restate all the safety and design requirements in this county handbook that are already listed in your Division IV project manual. Refer to "Helpful Hints" sheet in your project manual. Lamp parts and partial lamp kits are available for purchase in the Extension Office. If you would like to purchase an entire lamp kit with a wooden base, contact the Project Superintendent.

NO Molded plugs or quick connect plugs (i.e. clamp-on, insulation displacement, or quick-snap style) are allowed. You MUST use a plug that you have wired yourself as discussed in the manual.

Complete four (4) activities in manual.
Exhibit one (1) of the following:

- Made or remade lamp
- Poster or display board on any topic covered in this manual. (See poster rules, Page 30, #15) ***Display boards should be appropriately sized for the displayed equipment.***

Lamp MUST include an attached card explaining how the exhibit is to be used (i.e. is the lamp for reading, general lighting, a decorative lamp, an accent lamp, etc.). This note tells the judge if the design of the lamp is consistent with its intended purpose as discussed in the manual.

Advanced Division: Electricity & Electronics

Advanced Divisions 5-10- Electricity & Electronics (This book is being updated and you may find other resources at your local library, electricians, instructors, internet, etc. to provide guidance for your project.)

The Advanced Division is split into two (2) different categories. One (1) area is "Advanced Electric 5-10" and the second is "Advanced Electronics 5-10." You may choose one (1) category for your Advanced 5-10 exhibit.

Exhibit ONE of the following:

1. An article based on wiring around the home, farm, or facility, etc.
2. An article made in the area of heating and cooling.
3. An article made in the area of lighting.
4. An article made in the area of electronics (advanced division electronic projects may contain and use molded plugs if they are part of the electronic kit).
5. An article made in the area of power.
6. A written report on: consumer buying, better electrical methods, or electrical careers.
7. A written notebook report with photos of individual steps (close-up) and overall work, illustrations, explanation of each step performed, explanation of overall work done, reasons for performing work, reasons for selecting materials used, list of materials used and prices (budget), schematics, etc. of electric project. This option allows you to use your imagination and complete any electrical project that you cannot physically bring to the fair to exhibit. You could wire a room in a house, the barn, outdoor lighting, indoor lighting, control systems, alarm systems, etc.
8. Display board showing home wiring (3-way switch, 4-way switch, GFCI Grounding, Circuit Protection, etc.) or any topic covered in the Advanced Division manual.
9. Create a video showing the work accomplished and skills learned. This video should include the same type of information as required in written notebook listed above. This video is to be no more than ten minutes in length and formatted as MP3 or MP4 and submitted on a thumb drive. This video can also be uploaded to a YouTube account with the video being made public and the link submitted for evaluation.

*****For other exhibit ideas, refer to the Advanced Electric Project Ideas resource available on the Indiana 4-H Electric project page.***

Attach to the exhibit any kit instructions or book/manuals if you feel they will help explain the operation of the exhibit. This may be important for advanced electronic projects.

If the exhibit is not a poster, attach a note explaining how it is to be used.

Display boards should be appropriately sized for the displayed equipment.

ENTOMOLOGY

PROJECT SUPERINTENDENT:	Nicole Hendrickson, 765-810-4768, nikkihendrick12@yahoo.ca
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Three (3) Collections, three (3) Posters, one (1) Independent Study, and one (1) Mentoring entry

Project Description:
If you like bugs you'll love the 4-H Entomology project. Participants will learn about different classes of insects, how they help people, and all of the amazing things insects can do. In this project you can start an insect collection, plant a butterfly garden, or explore careers in entomology. Create an exhibit that shows the public what you learned in the entomology project this year. State Fair Exhibits- each county may send one (1) Insect Collection and one (1) Poster for each level (grades 3-5, grades 6-8, and grades 9 and up) for a maximum of six (6) exhibits per county. Follow the "Notes" under each section (Insect Collection and Poster).

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Project Guidelines:
Each year, members are required to complete a minimum of three (3) different manual activities (required or optional) and one (1) leadership experience.

Exhibit Requirement Options:

A. Insect Collection Option

- **References:** One (1) of the following:
  -4-H 764, How to Study, Collect, Preserve, and Identify Insects
  -How to Make an Awesome Insect Collection, ID-401

  TITLE:

  Collection- Insect Collection, Grade x (where x = your grade in school)

  Poster- Choose one (1) of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title.

- Use the orders listed in the reference material (above), which are found on page 57 in ID 401 and the Table of Contents in 4-H 764.
- Collect, mount (pins or vials), and identify insects personally collected in the U.S. only.
- Display your best specimens in a 18" x 24" box(es), orientated horizontally. When multiple boxes are used: list the box order (i.e. box 1 of 3 boxes) and include your name in each box.
- Cards A-F (for grades 3-8) are to be placed inside the display box in an attractive manner. ID 401 I cards, (for grades 9-12), should be placed in the lower right hand corner of box #1.
- Collection display boxes are expected to contain the specified number of insects and orders specified (see chart below). ***Collection display boxes are available at the Extension Office for purchase.***
- All insects must be in the adult stage and be properly mounted on insect pins or be contained in vials as directed.

Exhibit Requirement Options:

- **Pin Labels**: Each pin or vial must contain two (2) labels: 1) Top label is to include collection date, location, and collector name. 2) Bottom label is to include common name and other optional identification data.

- **Box Labels:** Box labels (computer generated or neatly printed) are used for orders and families as required (see chart below) and are to be placed flat against the bottom of the box. Insects must be properly grouped directly under the correct order and family box label. For example, all insects belonging to a particular order must be placed under that order label. Orders to be used are listed in the reference book ID- 401. If family level identification is required, the insects should be further grouped together under that family label.
- All insects must be accompanied by a label that includes collection date, location, and collector.
- All insects must be identified using a second label that includes common name and, depending on grade level, order and family.
- Insects must be properly grouped for display, based on your grade. For example, 4-H members in grade 5 should group the insects identified to order. If your insects are identified to order and family, first put all insects of the same order together, then group those in the same family, and then group insects with the same common name.

- **Educational Box:** One (1) additional box (educational), based on the specific theme (see chart), is required for grades 9-12, in addition to the insect collection boxes. This box can be created in any manner chosen (without the mounting, pinning or identifying restrictions specified above).
- If you choose to add the insect scientific name (this is not required) they must be written properly: either in italics or underscored. The Genus (first name) must have the first letter capitalized. The species (second name) has no capitalization.

***Max. # collection boxes**- The number in this column indicates the maximum number of insect boxes that may be used for the insect collection. Educational boxes are in addition to the insect boxes.

*Educational box – The educational box (grades 9 - 12) is in addition to the insect display box(es). This box should be created in such a way as to teach something about the assigned theme to the general public.

Grade	Display	Max. # Boxes
3	10 insects, identified and pinned on cards (ID 401A)	1
4	20 insects, mounted (pins or vials) Identify all insects by common name and identify five (5) to order. Include card ID 401B.	1
5	30 insects, mounted (pins or vials) Identify all insects by common name and identify 15 to order. Include ID 401C.	1
6	40 insects, exhibit a minimum of 6 orders ,mounted (pins or vials). Identify all insects by common name and order. Include ID 401D.	2
7	50 insects, exhibited a minimum or 6 orders, mounted (pins or vials). Identify all insects by common name and order. Identify ten (10) to family. Include card ID 401E.	2
8	60 insects, exhibit a minimum of 10 orders, mounted (pins or vials). Identify all insects by common name and order. Identify 30 to family. Include card ID 401F.	2
9	70 insects, exhibit a minimum of 12 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box; theme: insect behavior. Include card ID 401 G	3 +1*
10	80 insects, exhibit a minimum of 14 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box; theme: insect pest management. Include card ID 401 G	3 +1*
11	90 insects, exhibit a minimum of 16 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box; theme: insects in the environment. Include card ID 401 G	3 +1*
12	100 insects, exhibit a minimum of 18 orders, mounted (pins or vials). Identify all insects by common name, order, and family. One educational box; theme: benefits of insects. Include card ID 401 G	3 +1*

B. Poster Option

Posters must be displayed horizontally, sized 22” x 28”, mounted on a firm backing (foam-core board or other), and covered in clear plastic or other transparent material. Be sure to include a label with your name, grade, and county. Choose one (1) of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title, so the judges know which activity you completed. You can also use a creative subtitle if you wish. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Entomology 1: Grades 3-5 (BU-6853 **OR** BU-8440)

Display a poster based on one (1) of the following activities:

- **Big mouth bugs**- Show the four (4) different mouth types that you studied. Create a chart listing the four (4) mouth types, an insect with this mouth type, food they eat, and where these insects might be found.
- **Buz-z-zing around**- Present three (3) to five (5) ways that insects communicate. Include an insect, or picture of each insect, that communicates in each of the ways you are describing.
- **Pit stop**- Make two (2) pit traps and use them to collect insects. Exhibit your completed record sheet. You can use the format given for your data collection, or make your own. Include some of the insects, or pictures of your trap and insects collected.
- **FACETnating!**- Show how insects see (compound eyes) and explain how they see colors.
- **Ants and Uncles**- Compare insects with their non-insect relatives by completing the chart in your book (copy or make your own). Include some of the insects and their non-insect relatives, or pictures of them, on your poster.
- **Chirp, Chirp**- Watch and listen to the crickets for five (5) minutes, three (3) times a day, for three (3) days. Include day and night observations. Record what you see and hear.

Entomology 2: Grades 6-8 (BU-8441)
Display a poster based on one (1) of the following activities:

- **Collecting Insects**- Use two (2) of the insect collecting traps described in Activity 2 (Berlese Funnel, Indoor Insect Trap), Activity 3 (Modified Wilkinson Trap), Activity 4 (Fruit Bait), or Activity 5 (Light Attractor) to collect insects. Exhibit a picture of your traps and an Insect Collection Data Chart that gives the trap location (for example, in the basement or in the back yard), date collected, and insects collected.
- **Spread Your Wings and Fly**- Make and use a spreading board. Exhibit two (2) pictures of your spreading board and three (3) butterflies or moths that you prepared using your board.
- **Insect Experiments**- Complete one (1) of the following activities: Activity 8 (Color My World), Activity 9 (Sowbug Investigations), or Activity 10 (Life's Stages). Exhibit your data sheet and answers to the "Talk It Over" questions. For activities 8 and 9, include your hypothesis and a conclusive statement about your hypothesis (indicate if it was proved or disproved).
- **Invasive Species Investigations**- Create an informational exhibit about one (1) (Indiana) invasive insect. Include the information requested in the activity for this insect (first eight (8) questions on page 29).
- **A Sticky Situation**- Make and use sticky traps for four (4) weeks as described in Activity 13. Exhibit your data sheet and the answers to "Talk It Over" questions.
- **Footprint Clues**- Study the tracks of three (3) different species of insect and one (1) arthropod as described in Activity 14. Exhibit your data sheet and the answers to "Talk It Over" questions.

Entomology 3: Grades 9-12 (BU-8442)
Display a poster based on one (1) of the following activities:

- **The Scientific Method**- Use the scientific method to complete one (1) of the problems listed in Activity 3. Describe what you did to complete the five (5) scientific method steps and include your data and drawings or pictures of your experiment.
- **Transecting for Insects**- Compare three (3) habitats using the scientific method to determine which one has the most terrestrial insect activity. Display your transect data sheet for each habitat and answer the "Talk It Over" questions.
- **Please Drop In**- Create your own hypothesis and collect insects in five (5) pitfall traps to prove or disprove your hypothesis, as described in Activity 7. Display how you completed your experiment (including each step in the scientific method) and your data for each habitat.
- **Aliens Among Us**- Complete the "Natives vs Non-natives Survey Data Sheet" by checking two (2)boxes (Native or non-native and damage or no damage) for five (5) native and five (5) non-native insects as shown in Activity 9. Answer the "Talk It Over" questions.
- **IMP**- Learning and Teaching- Make an informational flier and use it to teach younger 4-H members about five (5) insect pests that might be found in a home or school in your county. Exhibit your flier, lesson plan, and photograph of you teaching. Answer the "Talk It Over" questions.
- **Meal from a Worm**- Use the scientific method to study how mealworm larvae grow. Include your hypothesis, data charts, and conclusions. Answer the "Talk It Over" questions from categories 2,3, or 4.

Independent Study: Grades 9-12

- **Advanced Topic**- Learn all you can about a topic of your choice and present it on a poster or in an Entomology box. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Entomology - Independent Study".
- **Mentoring**- Exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Entomology - Mentor".

FLORICULTURE

PROJECT SUPERINTENDENT:		Billie Jo Hittle, 317-513-7264, Billie@hittlefloraldesign.com
EXHIBIT CHECK-IN:	Posters/Notebooks	Sunday, July 12, 4-6 PM
	Arrangements	Wednesday, July 15, 8 –9:30 AM
JUDGING		Wednesday, July 15, 9:30 AM, Open Judging
RELEASE:		Tuesday, July 21, 9-11 AM and 5-7 PM
STATE FAIR ENTRIES:		Eighteen (18) Plant/Flower and four (4) Notebook entries

Pay special attention to size guidelines for Flower and Plant Exhibits. Instructions for exhibits and related activities can be found in the 4-H Floriculture manuals (Levels A-D).

Levels:

Level A **Grades 3-4**
Level B **Grades 5-6**
Level C **Grades 7-9**
Level D **Grades 10-12**

Project Guidelines:
Each year, members are required to complete a minimum of three (3) different project manual activities.

Entries per exhibitor: One (1) arrangement type or one (1) poster/notebook type exhibit per exhibitor (Exhibitors are not required to do both).

State Fair: Each county will be allowed to send one (1) flower and plant exhibit **per category** per level and one (1) poster or notebook exhibit per level. Total entries allowed per county: Level A, four (4) flower and plant exhibits and one (1) poster/notebook; Level B, three (3) flower and plant exhibits and one (1) poster/notebook; Level C, six (6) flower and plant exhibits and one (1) poster/notebook; and Level D, six (6) flower and plant exhibits and one (1) poster/notebook. Must meet State Fair Guidelines.

Note to youth exhibitors: Each Level (A, B, C, D) of the Floriculture project serves more than one (1) grade. You should do a DIFFERENT activity and exhibit each year that you are in the project. For example, if in 3rd grade you display a simple bud vase (category 1), in 4th grade you should choose a poster/notebook option or flower/plant exhibit from categories 2, 3, or 4.

Notebook and Poster Guidelines

Notebook Guidelines:
- Needs to be a sturdy 3-ring binder (with stiff covers) or bound type notebook (with stiff covers). No report covers or similar styles.
- Make sure the notebook accurately meets the guidelines and objectives of the activities in the manual.
- Information printed directly off the web will not be accepted.
- Materials included in the notebook need to be educational, both for the youth and the audience, and should demonstrate that the youth was able to take what he or she learned from their research (experiment, or on web, in library, etc) and/or activities to create the notebook.
- Work should include references where appropriate.
- Pictures, graphics, and artwork are encouraged.

Poster Guidelines:
- All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.
- Dimensions= 22” x 28” displayed horizontally with stiff backing and must be covered with clear plastic. See poster rules, Page 30, #15.
- Identification included in the lower right corner (name, grade, county).
- Poster should “tell a story” or be informative to the audience. Will the viewer of your poster learn something from the exhibit?
- When designing your poster, you should consider: lines, shapes, textures, colors, and placement of items.
- Pictures, graphics, and artwork are encouraged.
- Make sure the poster accurately meets the guidelines and objectives of the activities in the manual.
- Information printed directly off the web will not be accepted.
- Materials included in the poster need to be educational, both for the youth and the audience, and should demonstrate that the youth was able to take what he or she learned from their research (experiment, or on web, in library, etc) and/or activities to create the poster.

Level A
Grades 3-4

Flower and Plant Exhibit Categories

1. Create flower arrangement in a simple bud vase, provide your own vase, from cut flowers you grew in your garden.
   - Vase must be no more than 9” tall by 3” wide, neck opening of vase not to exceed 1½” and be clear or white only. Include one to three (1-3) stems of a main flower, along with appropriate amount of filler flower and greenery.

2. Create flower arrangement in a simple bud vase, provide your own vase, from flowers you purchased.
   - Vase must be no more than 9” tall by 3” wide, neck opening of vase not to exceed 1½” and be clear or white only. Include one to three (1-3) stems of a main flower, along with appropriate amount of filler flower and greenery. Flowers should be in their natural state, and not wired for display.
3. Create a simple round arrangement (small, compact round cluster of flowers) with fresh flowers you purchased. Including the vase or container, must be no larger than 12” x 12”.
4. Create a simple round arrangement (small, compact round cluster of flowers) with fresh flowers you grew. Including the vase or container, it must be no larger than 12" x 12”.

Poster or Notebook Exhibits - choose any one (1) of the following topics:

1. Chronicle your work in your flower garden (planning, planting, care, harvest, arrangement made with your flowers).
2. Describe how you planned or designed your garden, including how you chose the kinds of flowers.
3. Explain how you harvested your flowers, cared for them, and used them in an arrangement.
4. Explore and explain: pollination- what it is, why important, different ways it occurs <u>or</u> transplanting- what, how, things to watch out for; <u>or</u> role of insects with flowers (good, bad or both).
5. Explore and explain seed germination <u>or</u> how to care for a ‘sick’ plant.
6. Report on interview with a professional (what do they do, types of jobs, type of training, hours worked, etc.).
7. Describe an experiment you did and the results.
8. Describe a community service project you did related to your flowers project.

Level B
Grades 5-6

Flower and Plant Exhibit Categories

1. Display a mixed planter that may include herbs with foliage plants and/or flowering plants. The planter should include three (3) or more kinds of plants and have been planted at least two (2) months before the fair. The container exhibit space must not exceed 18”x 18” (height will be variable). **Must include 4-H 967c “Level B Plant Record”.**
2. Make an item with dried herbs or dried flowers that you **grew yourself**. Examples of items to exhibit are, but not limited to a dried flower product, or a simple dried arrangement in a container. The exhibit must not exceed 18” x 18” (height will be variable).
3. Display one (1) house plant, foliage and/or flowering in a container not to exceed 10” in diameter. There must be only one (1) specimen plant per pot. A flowering plant may be of any color with single or double flowers. Must include 4-H 967c "Level B Plant Record" chronicling the care of your plant.

Poster or Notebook Exhibits - choose any one (1) of the following topics:

1. Report how you harvested your flowers and/or herbs, cared for them, dried them, and used them.
2. Explore and explain: insects and your flowers and/or herbs.
3. Explore and explain: starting seeds indoors- the process and pros and cons.
4. Explore and explain: perennials- what are they, how are they used, benefits or drawbacks.
5. Investigate and describe: a butterfly garden- what types of plants, benefits to insects and butterflies, etc.
6. Describe how you planned or designed your garden, including how you chose the kinds of plants, any problems, successes.
7. Describe your houseplant- how you cared for, transplanted to larger pot, any problems, or successes.
8. Explore and explain: plant biology- form and function, growth, photosynthesis, etc.
9. Explore and explain: how to grow plants indoors- things to consider, common problems and solutions.
10. Explore and explain: environmental effects related to plants (such as light, water, soil, or temperature)
11. Describe an experiment you did and the results.
12. Explore and explain topics from “Imagine That” - plants around the world, information about different cultural uses of plants, different ways you used your plants/herbs/flowers.

Level C
Grades 7-9

Flower and Plant Exhibit Categories

1. Display a terrarium
   -Size of the terrarium should be appropriate for use on a table at home, and no larger than 12” deep, 18” long, and 16” high. Must have a cover while on exhibit. See Activity for design.

2. Combination or European planter
   -Exhibit a container of plants (three (3) or more kinds of plants) that have planted and cared for a minimum of two (2) months. See activity for information on plants and design. The container should not exceed exhibit space of 18” x 18” (heights will be variable).
3. Create one (1) corsage <u>or</u> two (2) boutonnieres made from only fresh flowers. Corsages should contain three (3) or more blooms. NO artificial flowers or greenery should be used in this category. Bows and decorative items are okay.
4. Create one (1) corsage <u>or</u> two (2) boutonnieres made from silk or other artificial flowers and greenery. Can be created with mixed fresh and artificial materials, or all artificial. Bows and decorative items are okay.
5. A dried arrangement in a container or a specialty item (such as, but not limited to, a wreath or swag) made with dried flowers and dried plant materials. NO artificial flowers/plant material should be included. Bows and decorative items are okay. Maximum size 24” x 24”. Height will be variable.
6. Create a flower arrangement using either roses or lilies as the primary component of the arrangement. Arrangement should be made with all fresh materials (NO artificial, silk flowers or plant materials). Bows and decorative items are okay. The exhibit must not exceed 18” x 18” (height will be variable).

Poster or Notebook Exhibits- choose any one (1) of the following topics

1. Explore and explain: vegetative propagation- how to, different types, problems and solutions, different uses of.
2. Explore and explain: plant nutrients- what are they, why does the plant need them, what happens if the plant has too much or too little, planters or containers vs. garden.
3. Investigate the design of multiple plant containers- how to, things to considers, selecting plant materials, uses of.
4. Describe how you created your corsage or boutonnieres; or dried arrangement. Be sure to include appropriate information on design principles and how they are used to create your arrangement.
5. Explore and explain: floral tools and materials (how to use, what they are, care of tools, different uses of a tool or material).
6. Explore and explain: preserving cut flowers- how, problems, uses of and/or diseases related to cut flowers.
7. Illustrate, explore, and explain how you dry flowers or other plant materials and/or describe different methods and/or how, why use them.
8. Explore and explain: medicinal uses and toxicity of fresh and dried flowers and plants.
9. Describe an experiment you did and the results.
10. Describe a career exploration activity you did, such as job shadow, interview with a professional.
11. Describe a community service activity you did related to your flowers project- what you did, why, results, etc.

Level D
Grades 10-12

Flower and Plant Exhibit Categories

1. Create a seasonal arrangement from only fresh flower and/or plant materials. Flowers and plant materials specific to a season or holiday should be used. For example, fall mums or spring tulips. Maximum size 24” length x 24” width x 36” height. This category could include a traditional floral arrangement, but also items such as wreaths, bows, and decorative accessories are okay.
2. Create a seasonal arrangement that can include fresh in addition to artificial/plant material. Flowers and plant materials specific to a season or holiday should be used. Maximum size 24” length x 24” width x 36” height. This category could include a traditional floral arrangement, but also items such as wreaths. Bows and decorative accessories are okay.
3. Create a seasonal arrangement that can include fresh in addition to artificial/plant material. See manual for suggestions. Maximum size 24” length x 24” width x 36” height. Include a label that states what type of design you have created (botanical, pave, parallel, free-form, abstract, etc.)
4. Create a bridal bouquet. Proper display of the bouquet should be considered, but only the bouquet will be judged. Bouquet should include <u>only fresh plant materials</u>. Bows and decorative accessories are okay.
5. Create a centerpiece for an event, such as a banquet, party, wedding, funeral, or church. Arrangement should be no larger than 24” length x 24” width x 36” height and be made from EITHER fresh flower and/or plant materials or artificial or silk flower and/or plant materials. Bows and decorative accessories are okay.
6. Display a plant that you propagated (and grew and cared for) by tissue culture or other vegetative propagation methods, or flowering bulbs that you forced. Maximum pot size: 10” in diameter. Must include 4-H 969c Level D Plant Record chronicling the care of your plant.

Poster or Notebook Exhibits- choose any on one (1) of the following topics;

1. Describe how you created your arrangement, include information on the design principles utilized.
2. Explore and explain how you utilize different flowers to make a similar style arrangement for different seasons (tulips in spring, mums in fall, etc.) or how to utilize similar flowers to make different styles of arrangements.
3. Explore and explain: the cost of arrangement and/or a cost comparison with flowers (different type flowers, different time of the year, etc.).
4. Explore and explain: forcing flowers (bulbs, branches, etc.).
5. Explore and explain: marketing in the floral industry (large or small business) and/or a market survey and results, and how they can benefit the floral industry.
6. Explore and explain: how to start a business related to the floral industry and may include a business plan.
7. Explore and explain: the origins of flowers and/or the floriculture industry around the world.
8. Explore and explain: tissue culture, biotechnology, or traditional breeding of new flower types- what are they, how are they used, pros and cons.
9. Explore and explain: be a plant detective- what kinds of problems might you have in growing and caring for flowers, and how to solve.
10. Describe an experiment you did and the results.
11. Describe a community service activity you did related to your flowers project: how, why results.

FOODS
(Foods Preparation is baking; Foods Preservation is canning or freezing)

PROJECT SUPERINTENDENT: Food Preparation		Cheryl Armstrong, 317-752-4715, carmstro@iupui.edu
EXHIBIT CHECK-IN:	Preparation, Levels A, B, and C (Yeast breadstick or rolls ONLY)	Wednesday, July 15, 8-9 AM
JUDGING		Wednesday, July 15, 9 AM, Open Judging (5 Judges)
EXHIBIT CHECK-IN:	Preparation, Levels C (All other), D	Wednesday, July 15, 11:30 AM-12:30 PM
JUDGING	Preparation, Levels C (All other), D	Wednesday, July 15, 12:30 PM, Open Judging
PROJECT SUPERINTENDENT: Food Preservation		Lyneen Burrow, 317-697-6336, neenburrow@aol.com
EXHIBIT CHECK-IN:	Preservation, Grade 3-6	Wednesday, July 15, 8-9 AM
JUDGING	Preservation, Grade 3-6	Wednesday, July 15, 9 AM, Open Judging
EXHIBIT CHECK-IN:	Preservation, Grade 7-12	Wednesday, July 15, 10-11 AM
JUDGING	Preservation, Grade 7-12	Wednesday, July 15, 11 AM, Open Judging
FOOD AUCTION:		Sunday, July 19, 5 PM
RELEASE:		Tuesday, July 21, 9-11 AM and, 5-7 PM
STATE FAIR ENTRIES:		Preparation is ten (10) entries and Preservation is ten (10) entries

Project Description:
From snacks to gourmet meals, 4-H Foods and Nutrition projects provide members with the knowledge and skills they need to select, purchase, prepare, and preserve a healthy variety of foods. Discover why cake rises, what makes yeast grow, and other fun food experiments. Practice making smart food choices using ***MyPlate***.

Levels:
Level A **Grades 3-4**
Level B **Grades 5-6**
Level C **Grades 7-9**
Level D **Grades 10-12**

Project Guidelines:
Manual:

- Each year 4-H'ers are required to complete a minimum of three (3) different manual activities. ***It is recommended that each of the three (3) activities come from three (3) different sections of the manual. 4-H'ers are encouraged to complete the manual activities that relate to the exhibit requirement.***

Exhibit Requirements:

1. Filling, frosting, glazing, pie filling, and meringue (whether uncooked or cooked) are not permitted to contain cream cheese, sour cream, heavy cream, or whipped cream as the nature of these products increases the moisture content and water activity of the food. Foods with a higher moisture content and water activity can be ideal growing conditions for food borne pathogens, even if the ingredients are part of a batter and baked.
2. Raw milk, raw milk products, or uncooked eggs/egg whites are not permitted. Eggs/egg whites that have been cooked to 160°F (i.e. pasteurized **or** included as part of a batter and baked) are acceptable.
3. No home-canned fruits, vegetables, or meats are permitted in products.
4. Recipes must be provided that show which ingredients were used in each part of the product.
5. 4-H'ers should carefully wash their hands and make sure their hands do not have any open cuts before preparing food.
6. 4-H'ers should not be preparing food exhibits within 48 hours of recovering from any illness.
7. Whenever possible, baked products should be transported and stored in chilled coolers (41°F).
8. No mixes ***(cake, brownie, cookie, pie crust, baking, etc.)*** are allowed to be used in the baked products.
9. Turn in books to your club leader (they are not needed at judging).

Exhibit Labeling Suggestions:

1. ***Clearly print your name, grade, 4-H Club, and Title of Recipe on exhibit tag.***
2. Tape exhibit tag to the top of the covered product.
3. Only (1) one exhibit tag is needed.

Recipe Cards:

1. A recipe card (no larger than ***a half sheet of letter size cardstock*** i.e. 5½" x 8½") is required for all food preparation and food preservation exhibits. Include the recipe source and all the information requested in the exhibit description, as well as your name, county, grade level/exhibit option, and 4-H Club.
2. ***Recipe cards can be neatly handwritten or word processed.***
3. ***Place recipe card in a quart or gallon size zippered plastic bag.*** Recipe cards will not be returned.
4. Since it is illegal in the State of Indiana for youth under the age of 21 to purchase or consume alcoholic beverages, 4-H'ers are to use recipes that do not include an alcoholic beverage as an ingredient. A suitable non-alcoholic or imitation product may be substituted.

How to Prepare Food Products for Display

Baked Food Products:

1. ***Cookies should be displayed on a small (6"-7") white disposable paper or foam plate. Slip cookies/plate into a gallon zippered plastic bag.***
2. ***Muffins, Pretzels/Biscuits, and Yeast Rolls should be displayed on a large (9"-11") white disposable paper or foam plate. Slip plate into a 1 or 2-gallon zippered plastic bag.***
3. ***Cakes– Display 8"-9" round cakes on a large (9"-11") white disposable paper or foam plate. Or cut a piece of cardboard about 1" larger than the bottom of the cake and cover cardboard with foil before putting the cake on it. Slip plate or cardboard into 2-gallon zippered plastic bag.***
4. ***Bread Loaves– Display on a round, square, oblong, or rectangular piece of cardboard covered with foil. Slip cardboard into 2-gallon zippered plastic bag.***
5. Pies can be exhibited in disposable, glass, or metal pie plates. Non-disposable plates may be picked up after the judging, but cannot be guaranteed to be returned to the 4-H'er. Please include name and phone number on ***bottom of*** pie plate.

Preserved Food Products:

1. All canned products must have the ring on the jar top to protect the seal. ALL FOOD PRESERVATION items will be opened during judging (food items will be disposed of- containers may be picked up). Containers not picked up immediately after judging will be discarded. Make at least two (2) items in preparation of a State Fair entry.
2. All Food Preservation frozen items must be brought in and kept in a cooler with ice during judging. Coolers will be available for pickup after judging is completed. **PLEASE PUT NAME ON COOLER.**
3. Food Preservation please display in freezer bags or disposable freezer containers. (Freezer space will NOT be available).

Champion Foods Auction
Those 4-H'ers receiving a champion in the food preparation or food preservation area will have the opportunity to prepare an additional "champion product" for the foods auction. The auction will be held Sunday, July 19, 2020 at 5:00 p.m. Those receiving a champion in the foods preparation project should have their product at the 4-H grounds by 4:00 p.m. Check in the fair office for more information.

***Specific Manual* and Exhibit Requirements:**
Level A: Grades 3-4
Each year, members are required to complete a minimum of three (3) activities from the manual. Within the two (2) year project period, members should have completed a minimum of six (6) activities.

Grade 3
Preparation
- Three (3) snack-sized (approximately 2" - 3" individual size) drop, molded, or bar baked cookies.
- No glaze or frosting. ***Granulated or powdered sugar is acceptable.***
- ***Participants are expected to learn how to prepare cookies from scratch. It is NOT acceptable to use a mix.***

Preservation
- A package of three (3) baked, snack-sized (approximately 2" - 3" individual size) frozen cookies. Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with recipe and instructions for defrosting. Label with name of product, quantity, and date frozen.

Grade 4
Preparation
- Three (3) standard size muffins that contain ***at least one (1)*** ingredient that is a source of Vitamin A or Vitamin C.
- Do not use muffin liners.
- ***Participants are expected to learn how to prepare muffins from scratch. It is NOT acceptable to use a mix.***

Preservation
- One (1) package of frozen berries. Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with recipe and instructions for defrosting. Label with name of product, quantity, and date frozen.

All Food Preservation frozen items must be brought in and kept in a cooler with ice during judging. Coolers will be available for pickup after judging is completed.

Level B: Grades 5-6
Each year, members are required to complete a minimum of three (3) activities from the manual. Within the two (2) year project period, members should have completed a minimum of six (6) activities.

Grade 5
Preparation
- A ***SINGLE-LAYER*** square, oblong, or round reduced-fat cake.
- Reduce the amount of fat in the recipe by ***substituting SOME of the original fat (butter, margarine, shortening, or oil) with*** a fruit puree or baby food fruit product that does not contain yogurt.
- ***No fillings, glaze, or frosting. Powdered sugar or dry crumb toppings are acceptable.***
- ***"Upside-down" single layer cakes are acceptable.***
- ***Participants are expected to learn how to prepare a cake from scratch. It is NOT acceptable to use a mix.***

Preservation
- One (1) uncooked frozen mini-pizza using whole-grain pita bread, English muffin, bagel, or already prepared crust (no larger than 7" in diameter) with toppings of your choice. Include at least four (4) MyPlate food groups on your pizza. Meat toppings such as hamburger, sausage, bacon, etc. must be cooked. Display on covered cardboard inside freezer bag. Include index card with recipe and instructions for ***defrosting and*** cooking. Label with name of product, quantity, and date frozen.

All Food Preservation frozen items must be brought in and kept in a cooler with ice during judging. Coolers will be available for pickup after judging is completed.

Grade 6

Preparation

- Three (3) no-yeast, any shape ***whole grain*** pretzels ***(pretzel shaped, stick, or nugget) OR three (3) no-yeast sweet or savory rolled whole grain biscuits (no drop biscuits).***
- ***Increase the amount of whole grain in the recipe by replacing SOME of the original amount of refined flour with a whole grain flour such as whole wheat, rye, oat bran, etc.***
- ***Participants are expected to learn how to prepare pretzels/biscuits from scratch and practice kneading. It is NOT acceptable to use a mix or to "drop" the pretzels or biscuits.***

Preservation

- One (1) package of any frozen vegetable or combination vegetables. Display in freezer bag or freezer container. (NOTE: Freezer containers will not be returned.) Include index card with instructions for defrosting and cooking. Label with name of product, quantity, and date frozen.

All Food Preservation frozen items must be brought in and kept in a cooler with ice during judging. Coolers will be available for pickup after judging is completed.

Level C: Grade 7-9

Each year, members are required to complete a minimum of three (3) activities from the manual. Within the three (3) year project period, members should have completed a minimum of nine (9) activities.

Exhibitors may choose one (1) baked and/or one (1) preserved product from the following list. It is suggested a participant choose a different option each year, but this is not a requirement.

Preparation

- Three (3) ***whole grain*** yeast bread sticks or yeast rolls (any shape, medium size- not a sweet roll). ***Increase the amount of whole grain in the recipe by replacing SOME of the original amount of refined flour with a whole grain flour such as whole wheat, rye, oat bran, etc.*** Participants are expected to learn how to knead bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home bread maker ***or a bread mix***.
- A yeast ***whole grain*** bread (can be loaf, braid, but not rolls). ***Increase the amount of whole grain in the recipe by replacing SOME of the original amount of refined flour with a whole grain flour such as whole wheat, rye, oat bran, etc.*** Participants are expected to learn how to knead bread dough by hand and allow it to rise appropriately. It is NOT acceptable to use a home bread maker ***or a bread mix***.
- One (1) package of a non-perishable, invented healthy snack (such as a granola bar, popcorn snack, trail mix, etc.). Your snack must include at least two (2) food groups from MyPlate. Exhibit must include your snack product and a separate ***notebook outlining*** a marketing plan with product name, recipe, how it will be packaged, a package design, where it will be sold, and suggested selling price. Style your snack for a photo shoot and include the picture in your marketing plan. ***Each snack should be individually wrapped and be labeled*** with the product name, date, quantity, and serving size.

Preservation

- One (1) container of freezer jam. Include index card with recipe and instructions for storing. Label with name of product, quantity, and date frozen.
- One (1) jar of a canned tomato product using the Hot Pack Method for a boiling water bath canner, such as tomato juice, catsup, barbecue sauce, or salsa. Include index card with recipe and instructions for cooking or using the product. Label with name of product, quantity, and date canned. Note: Only food preservation products made using USDA approved or Ball Blue Book recipes are acceptable.
- One (1) jar of a canned pickled product or canned pickles. Include index card with recipe, processing, and storage instructions. (Products using a fancy pack are not accepted.) Label with name of product, quantity, and date canned. Note: Only food preservation products made using USDA approved or Ball Blue Book recipes are acceptable.

All Food Preservation frozen items must be brought in and kept in a cooler with ice during judging. Coolers will be available for pickup after judging is completed.

Level D: Grades 10-12
Each year, members are required to complete a minimum of three (3) activities from the manual. Within the three (3) year project period, members should have completed a minimum of nine (9) activities.

Exhibitors may choose one (1) baked and/or one (1) preserved product from the following list. It is suggested a participant choose a different option each year, but this is not a requirement.

Preparation

- A single or double crust ***BAKED*** fruit pie (no graham cracker crust). ***Custard, Cream Cheese, Gelatin filled pies, or Meringue Covered Pies*** are not acceptable because they are highly perishable when left at room temperatures.)
- A non-perishable baked food product for a catered meal or special event in which organizers have requested low fat and/or reduced sugar items. Exhibit will include your food product and a notebook outlining how this product is to be used at the event, menu, supplies to buy, preparation schedule, equipment, table layout, etc. A table display is optional and should be no larger than 16" deep x 22" wide x 28" high.
- Select a condition in which people have to specifically modify their eating habits (diabetes, heart disease, Celiac disease, food allergies, etc.) Prepare a non-perishable baked food product appropriate for someone with this condition. Exhibit will include your food product and a notebook summarizing the condition or allergy, nutrition considerations involved with the condition, a description of your baked item, and an explanation of how it fits within the nutrition considerations. Make sure to note any ingredients that could cause an allergic reaction.

Preservation

- One (1) jar of pressure canned vegetables, meat or combination product, such as soup, stew, spaghetti sauce with meat, etc. Include index card with recipe and instructions for cooking or using the product. (Products using a fancy pack are not accepted.) Label with name of product, quantity, and date canned. Note: Only food preservation products made using USDA approved or *Ball Blue Book* recipes are acceptable.
- One (1) package of a combination food frozen entree in freezer container. The combination food should contain three (3) food groups from MyPlate. Exhibit should include an index card with recipe and instructions for reheating. Display in disposable containers. No containers will be returned. Label with name of product, quantity, and date frozen.
- A jar of cooked jam or a reduced-sugar fruit spread. Include recipe card. Label with name of product, quantity, and date made.

All Food Preservation frozen items must be brought in and kept in a cooler with ice during judging. Coolers will be available for pickup after judging is completed.

FORESTRY

PROJECT SUPERINTENDENT:	Holly Faust, 317-771-0420, holly.faust@hamiltoncounty.in.gov
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM, Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Three (3) Posters and one (1) Independent Study entry

Project Description:
Nature is all around us. The Forestry project teaches members all about trees and how we use them in our life.

Levels:

Forestry 1	**Grades 3-5**
Forestry 2	**Grades 6-8**
Forestry 3	**Grades 9-12**
Independent Study	**Grades 9 & Up**

Project Guidelines: Complete three (3) activities in the project manual
Create an exhibit that shows the public what you learned in the forestry project this year. Exhibits must be displayed horizontally, sized 22" x 28", mounted on a firm backing (foam-core board or other), and covered in clear plastic or other transparent material. Be sure to include a label with your name, grade, and county. See poster rules, Page 30, #15. Choose one (1) of the topics listed below, appropriate for your grade in school, and use that topic for your exhibit title. If you are exhibiting leaves, they should be free of any damage and **if you choose to write their scientific names, they must be in either italics or underscored.** (Note: Scientific names are required for herbariums.) The Genus (first name) must have the first letter capitalized. The species (second name) has no capitalization. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Forestry 1 Grades 3-5 Follow the Path

Display a poster based on one (1) of the following activities:

Leafing Out- comparisons (pp 6 & 7), Collect, dry, and mount six (6) different species of leaves showing leaf differences: one (1) leaf with opposite arrangement and one (1) with an alternate arrangement, two (2) leaves with different leaf margins, a compound leaf, and simple leaf. Use the 50 Trees of Indiana book (4-H 15-80 or CD-FNR-3) as a reference and identify the leaves and group them under the titles of "arrangement," "leaf margins," and "compound or simple." Draw (or copy the picture) and label the parts of a leaf using the diagram from the manual (Level 1). Title your poster: Leafing Out - Leaf Differences

Leafing Out- collection (pp 6 & 7), Identify and exhibit leaves from ten (10) different trees that are listed in 50 Trees of Indiana book (4-H 15-80 or CD-FNR-3). List at least two (2) unique characteristics of each tree. Title your poster: Leafing Out - Collection

Hold on Tight (pp 10 & 11), Dig up a small plant root system and display along with a drawing of the root system with the anchor, lateral, and feeder roots identified and the "Parts of a Tree" diagram (4-H 641B).

Down in the Dirt (pp 20 & 21), Collect roots from three (3) different habitats: woods, near a creek, and in a pasture or prairie. (Note: do not use the habitats listed in your manual.) Display the roots along with the completed root test chart (copy or recreate) showing the color, size, and shape information. Include any unique features you noted.

My Couch is a Tree? (pp 30 & 31), Use pictures (draw, cut from magazines, print, or take photographs) to show ten (10) things in and around your home that are made from wood.

Fun in the Forest (pp 32 & 33), Visit a state park or forest; take your 50 Trees of Indiana book (4-H 15-80 or CD-FNR-3), diagram the trails you hiked, and list the types of trees you saw. Photographs of you hiking and some of the trees you saw will help tell your story.

Forestry 2 Grades 6-8 Reach for the Canopy

Display a poster based on one (1) of the following activities:

The Leaf Machine (pp 8 & 9), Copy, draw, or find a picture of a cross-section of a leaf. Label the seven (7) parts. Give the chemical reaction for photosynthesis, defining the chemicals: CO_2, H_2O, O_2, and $C_6H_{12}O_6$. Be sure to balance your equation! There should be the same number of Carbon, Oxygen, and Hydrogen molecules on each side of the equal sign. You may need to ask an older (high school) 4-H member or science teacher for help. Draw the tree canopy, trunk, and roots (or use the tree diagram, 4-H 641B) and identify the crown, trunk (with the parts; heartwood, sapwood, cambium, and bark listed), feeder roots, and anchor roots.

My State's Forests (pp 14 &15), Use a map, draw, or find a picture of Indiana on the Internet (e.g., www.in.gov/ingisi/). Show where your home, your school, and your fairgrounds are located. Choose one (1) of the following options to complete your poster.

- Show where Indiana's state forests are located. List a few facts about each. Visit a state forest and have someone take your picture by the sign, if possible.
- Show where some state parks and state forests are located (pp 5-15). List some facts about each one. Visit a state park or forest and have someone take your picture by the sign, if possible.

Someone Call a (Tree) Doctor and Stop Bugging Me (pp 22-25), Collect ten (10) samples of tree leaves, twigs, stems, or roots damaged by insects or disease and the fruiting body or disease that caused the damage. List information about the insect or disease and the species of tree that was affected.

Fire in the Forest (pp 26 & 27), Explain the Fire Triangle and describe what happened during and after a famous forest fire. Drawings or pictures will help tell the tale.

Growing Every Day (pp 30 & 31), Complete the table for five (5) large trees that you can find and measure in your county. Research to find out how to make and use a Tree Measuring Stick (FNR-4) and use that to calculate the volume of each tree. Explain why you think your results varied with the two (2) methods of determining tree volume (the one in your 4-H manual or using a tree measuring stick).

Tree Planting- Plant one to three (1-3) shade trees. Include information about the tree (or trees) you planted, why you chose the species you did, what are the benefits of this tree, and how tall this tree (or trees) will be when mature. Explain why you chose the planning site that you did, where you found your planting information, what steps you followed, the hole size, care of your tree (watering and weed control), and any other information you can give. Include a picture of your tree (photo or drawing). Reference: FNR-FAQ-18-W.

Forestry 3 Grades 9-12 Explore the Deep Woods

Display a poster based on one (1) of the following activities:

A World of Forests (pp 16 &17), indicate the three (3) major forest biomes on a copy, drawing, or picture of the world. Complete the table given in the activity.

City Trees (pp 20 & 21), complete the questions about Tree City (page 20). Show (draw or use pictures) some trees that are often used in city plantings and explain the benefits of these trees.

Trim the Trees (pp 26 & 27), explain the five (5) different kinds of tree pruning for urban trees. List some do's and don'ts of proper pruning.

My Boss is a Tree (pp 34 & 35), list five (5) jobs that require a knowledge of trees and forestry. Explain the training and education that is needed and what types of things you might be doing if you had this job.

Tree Planting- Present a tree planting plan for at least 100 trees. Include the type of trees you planted, pictures, cost, method of planting, weeding, pruning your trees, and any additional information. Your exhibit must have a title, labels, backing, and plastic covering as required in the manual. Reference: FNR-FAQ-18-W.

Herbarium Collection- Trees
Collect twenty five (25) terminal twigs and at least two (2) leaves, if space allows (only one (1) compound leaf is required), from native forest trees. Mount the specimens on 11½" x 16½" paper. One (1) leaf on the twig must be mounted to show the back side of the leaf. Label each sheet with the following: common name, scientific name, where collected, county where collected, date collected, name of collector, and specimen number. **Cover each specimen.** There are no specific references given for these exhibits. Youth are encouraged to use Extension publications, the Internet, books, and forest specialists to develop these items.

> Note: Your herbarium collection must be accessible to the judges. Do not cover it under the plastic that covers your poster. You may want to attach a folder or other holder over your poster to hold the mounted, covered specimens.

Herbarium Collection- Shrubs
Collect twenty five (25) terminal twigs, with leaves attached, from native shrubs. Mount the specimens on 11½" x 16½" paper. One (1) leaf on the twig must be mounted to show the back side of the leaf. Label each sheet with the following: common name, scientific name, where collected, county where collected, date collected, name of collector, and specimen number. **Cover each specimen**. There are no specific references given for these exhibits. Youth are encouraged to use Extension publications, the Internet, books, and forest specialists to develop these items.

> Note: Your herbarium collection must be accessible to the judges. Do not cover it under the plastic that covers your poster. You may want to attach a folder or other holder over your poster to hold the mounted, covered specimens.

Independent Study Grades 9-12
Advanced topic- Learn all you can about and Indiana or Eastern Deciduous forestry topic of your choice and present it on a poster. Include a short, manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Forestry Independent Study."

Mentoring- Exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster: "Forestry - Mentor."

There are no specific references given for these exhibits. Youth are encouraged to use Extension publications, the Internet, books, and forest specialists to develop these items.

GARDEN

PROJECT SUPERINTENDENT:	Jennifer Hensley, 317-403-5425, bunnylaw7@gmail.com
EXHIBIT CHECK-IN:	Wednesday, July 15, 8-10 AM
JUDGING:	Wednesday, July 15, 10:30 AM, Open Judging
RELEASE:	Tuesday, July 21, 9-11 AM ,and 5-7 PM
STATE FAIR ENTRIES:	Unlimited entries

Project Description:
You can garden just about anywhere- you don't need to live in the country or have a big yard to be a gardener. The Garden project teaches members all about gardening and how to have fun while learning! You will learn about planting a vegetable garden, planting, fertilizing, different vegetable parts, harvesting storage techniques, and careers.

Levels:
Level A **Grades 3-4**
Level B **Grades 5-6**
Level C **Grades 7-9**
Level D **Grades 10-12**

Each year members are required to complete six (6) activities in the project manual.

There will be a Grand Champion for each category (single, collection, and herb).

State Fair: Anyone interested in exhibiting a Garden produce exhibit at the State Fair may do so. You do not have to pre-qualify at the County Fair to exhibit at State Fair; however, you do need to contact the Extension Office for an entry form. Please note: If you wish to exhibit garden collections at the State Fair, you must provide the scientific name of the vegetables you are entering.

Poster Guidelines

- Dimensions= 22" x 28" displayed horizontally with stiff backing and must be covered with clear plastic.
- Identification included in the lower right corner (name, grade, county).
- Poster should "tell a story" or be informative to the audience. Will the viewer of your poster learn some thing from the exhibit?
- When designing your poster you should consider: lines, shapes, textures, colors, and placement of items.
- Pictures, graphics, and artwork are encouraged.
- Make sure the poster accurately meets the guidelines and objectives of the activities in the manual.
- Information printed directly off the web will not be accepted.
- Materials included in the poster need to educational both for the youth and the audience and should demonstrate that the youth was able to take what he or she learned from their research (experiment, or on web, in library, etc.) and/or activities to create the poster.
- All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.
- Poster rules on Page 30, #15.

Exhibit Requirements:

- Garden exhibits will be placed by level in each option.
- All exhibits should meet the specifications of number and size ***of each vegetable, per plate,*** as listed in Form 4-H 970 W-"Suggested 4-H Garden Exhibits." **
- Each exhibit must have a Garden Card ***and Small Label Card.***
- All vegetables ***and herbs*** entered must have been grown by the 4-H club member in the Garden project.
- Green tomatoes may be shown as an exhibit and will be considered equal to red, ripe tomatoes in judging.
- Plates will be furnished for the vegetables. Exhibitors must furnish containers for flowers ***and herbs***.

See Table 1, "Standards for Preparing 4-H Vegetable Garden Exhibits" in ***Form 4-H 970W- "Suggested 4-H Garden Exhibits."* Also, read carefully the section on Suggestions for Preparing 4-H Vegetable Garden Exhibits.

Produce Exhibit (All Levels) You may exhibit in each of the following options:

- Option A. Single plate of vegetables you grew. Select from Form 4-H 970W- "Suggested 4-H Garden Exhibits" (updated yearly). Maximum of three (3) different exhibits per exhibitor. ***Each plate of vegetables must include a Garden Card and a Small Label Card. (Small Label Card shows the common name, the Latin name, and variety of the vegetable.*** See Form 4-H 970W.)

- Option B. ***A Collection of vegetables you grew.*** Choose one (1) Collection class: a three (3) plate, four (4) plate, or five (5) plate ***collection*** of different vegetables you grew. A Collection exhibit may include a display of not less than three (3) garden flowers grown in your garden. ***Each plate of vegetables in the Collection must include a Small Label Card (Small Label Card shows the common name, the Latin name, and variety of the vegetable.*** See Form 4-H 970W) and ***one (1) Garden Card for the whole Collection.***

- Option C. A pot of an edible type herb you grew. A maximum of three (3) different herbs may be exhibited. ***Each herb must be in its own pot*** (no more than 8" in diameter), have a drainage hole, and saucer for water retention. ***Each potted herb must include a Small Label Card (Small Label Card shows the common name, the Latin name, and variety of the vegetable***. See Form 4-H 970 W) ***and one (1)Garden card.***

Garden Education (Judged separately) (One (1) State Fair Entry per County) Anyone may complete these, but members in Levels C and D of the garden project are encouraged to exhibit one (1) of the following activities in addition to the Produce Exhibit. Posters must follow poster rules, Page 30, #15.

- Exhibit four (4) plates containing two (2) cultivars of two (2) different kinds of vegetables grown in your garden. For example: Display tomato Rutgers and tomato Roma on two (2) plates and spinach Melody and America on (2) two plates. ***Label the cultivars with a Small Label Card. (Small Label Card shows the common name, the Latin name, and variety of the vegetable.)***
- Exhibit three (3) unusual vegetables (may or may not be discussed in your 4-H Garden manual) you grew in your garden this year. If not listed in the vegetable display chart, check with your Extension Office. Example: Spaghetti squash, head lettuce, cowpea, etc. ***Label each vegetable with a Small Label Card. (Small Label Card shows the common name, the Latin name, and variety of the vegetable.)***
- ***Make a poster discussing how herbs listed on Form 4-H 970W- "Suggested 4-H Garden Exhibits" are used and have been used throughout history. Be sure to include both culinary and medicinal uses as well as other unique uses, if any.***
- Make a poster of a maximum of ten (10) pests (diseases, insects, weeds and/or rodents) you found in your garden this year, damage caused, control measures used, and results.
- Make a poster explaining a Computer Garden Program or Mobile Application.
- Make a poster showing a picture story of what you did in your garden in this year.
  Example: How you planned, planted, and maintained your garden.
- Make a poster showing your financial record for your garden.
- Make a poster of pictures showing your experiences in hydroponics.
- Make a poster explaining various career options working with vegetables/herbs and gardening.
- Make a poster that shows the different types of plant parts that are consumed by humans. Be sure to identify the fruit or vegetable and categorize it by root, stem leaf, or flower.
- Make a poster that shows different storage methods for vegetables.
- Make a poster showing how to create a raised bed OR container vegetable garden.

GENEALOGY

PROJECT SUPERINTENDENT:	Lisa Burris, 317-258-9171, lburris1970@yahoo.com
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM, Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM , and 5-7 PM
STATE FAIR ENTRIES:	Five (5) entries, notebook of current year only required

Project Description:
In the Genealogy project, members will learn to complete a family pedigree for several generations, how to use county and state historical files, document and cite sources for your family history, as well as many other fun and educational activities relating to your family's heritage.

Exhibit Introduction:
Forms for this project are found on the Indiana 4-H website ***https://extension.purdue.edu/4h*** click on "projects" and then on Genealogy to reach downloadable forms. This project is organized into divisions and not grades for a youth cannot start in Division 3 without first completing Division 1 and Division 2. This is a project that builds on the previous division information in order to be successful in building your family tree. If you are using a genealogical commercial software program, you may need to type in or hand write in information required by the Indiana 4-H genealogy project. See 4-H forms on the 4-H website linked above.

The exhibit will consist of no more than four (4) notebooks for Division 1-4 and first year Advanced Division. (If a notebook requires additional space, label it as notebook x, continued.) Those notebooks are:

- Book #1- 3" D-ring binder, contains introduction sheet, pedigree charts and family group sheets.
- Book #2- 2" D-ring binder, contains additional information worksheets and diary of work.
- Book #3- 3" D-ring binder, contains supporting documents, pictures, etc.
- Book #4- 3" D-ring binder, contains Advanced Division options only (Begin using this notebook in first year of the advanced division or the fifth year of project enrollment.)
- Another notebook should be maintained and kept in a secure place at home to keep original personal and legal documents as well as previously exhibited work.

Notebooks should be tabbed and in the following order:

Book #1- Introductory Page; Pedigree Charts; Family Group Sheets
Book #2- Additional Information Worksheets; Diary of Your Work
Book #3- Any other Documents (Label with Ancestor numbers on tab)
Book #4- Advanced Division Options (Label each tab separately with the specific options); Diary of Your Work (this will be a second diary describing work done for each advanced division option)

Pedigree Charts, Family Group Sheets, Additional Information Worksheets, and Diary Sheets are to be placed in the notebook back-to-back in sheet protectors to save space, reduce the information being damaged, and reduce the number of sheet protectors required.

So the notebook exhibit can be displayed to the public and to minimize the potential of identity theft, original legal documents are NOT to be included in the exhibit notebook. Instead, a photocopy of any legal document is to be included in the notebook and all identifiable information (like social security numbers) except for names is to be completely marked out. Original legal documents are to be kept in a secure location by the 4-H member and his/her family.

All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H members exhibit. This reference list should/might include website links, people and professionals interviewed, books, magazines, etc. Reference notations are to be made in the "source" column of the Family Group Sheet on each document.

If Information on a family member is unknown, an additional information worksheet for each required ancestor is still required. Write "unknown" or "NIA" (no information available) in PENCIL for each sheet of unknown ancestors or list several ancestors on a page and insert page in proper numerical order.

After exhibiting the 1st year of the ADVANCED Division, only the Advanced Division notebook (Book #4) with ALL OPTIONS (no pedigree charts, no family group sheets, no additional information sheets, no documents from Division 1-5) needs to be exhibited each year the genealogy project continues.

Suggested Genealogy Supply List:

- Four (4) 3" D-ring notebooks (Book #1, #3, and #4 will be exhibited and the fourth 3" D-ring notebook to maintain documents at home and NOT exhibited.)
- One (1) 2" D-ring notebook (Book #2)
- Computer or legible printing/handwriting (be consistent with method used)
- #2 led pencil with soft eraser
- Black ink pen
- Yellow highlighter
- Notebook tabs AND acid free dividers (several tabs will be needed, be consistent with style used, should not appear past edge of notebook)
- Fine point permanent Black marker
- Acid free and non-glare sheet protectors
- Acid free paper
- Acid free glue stick
- Acid free Scotch tape
- Scissors
- Correction tape
- Lots of creativity to make the exhibit your own while still following the exhibit guidelines

Division 1

1. Exhibit a notebook that includes the following:

* **Book #1**
  - An Introduction page with a recent photograph of yourself.
  - Completed three-generation pedigree chart. This includes you, your parents, and your grandparents, ancestors #1 through #7. Put all surnames in capital letters and all dates in military form (12 July 1974). Give each person a number, as described in the "Recording the Information" section of the Indiana 4-H Genealogy Resource Guide 4-H 748. **You must use the pedigree charts listed at** https://extension.purdue.edu/4h, 4-H 748Pc-W or 4-H 748Pbw or the commercial software forms, but not the old "packet" pedigree charts.
  - A Family Group Sheet for your parents and each pair of grandparents. Sources of information MUST be filled in on family group sheets (See section "Recording the Information").

* **Book #2 (Ancestors 1-7 information)**
  - Four (4) "Additional Information Worksheets":
    - one (1) for you, the 4-H member
    - one (1) for your parents
    - one (1) for each set of grandparents (total = two (2) worksheets)
    - A diary of your work

* **Book #3 (Ancestors 1-7 information)**
  - Any documents or pictures pertaining to these three (3) generations. Documents must be labeled with ancestor name and ancestor number. Pictures need to be labeled with ancestor name, plus names of all known people, place and date picture was taken, as well as ancestor numbers.

2. Turn in a completed record sheet.

Division 2

1. Exhibit a notebook that includes the following:

* **Book #1**
  - Four-generation pedigree chart. This will include you, your parents, grandparents, and great-grandparents, ancestors #1 through #15. **You must use the pedigree charts listed at https://extension.purdue.edu/4h**, **4-H 748Pc-W or 4-H 748PBW-W,** or the commercial software forms, but not the old "packet" pedigree charts.
  - A Family Group Sheet for each pair of great-grandparents. Sources of information filled in on family group sheets (See section "Recording the Information" in the Indiana 4-H Genealogy Resource Guide 4-H 748).

* **Book #2 (Ancestors 8-15 information)**
  - An additional information worksheet for each set of great grandparents.
  - A diary of your work.

* **Book #3 (Ancestors 8-15 information)**
  - Any photographs taken of tombstones of your ancestors and their children. Please document location of tombstone(s) and label with ancestor name, ancestor number, and date photo was taken. Rubbings are acceptable in lieu of photographs.
  - Any other documents or pictures pertaining to these generations, correctly labeled.

2. Turn in a completed record sheet.
3. Exhibit Book #1, Book #2, and Book #3, which should only include Division 2 ancestors 8-15 and related information.

Division 3

1. Exhibit a notebook that includes the following:

* **Book #1**
  - Five-generation pedigree chart, ancestors #1 through #31. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors. If an ancestor is UNKNOWN, please indicate as UNKNOWN. **You must use the pedigree charts listed at** https://extension.purdue.edu/4h, **4-H 748Pc-W or 4-H 748Pbw-W** or the commercial software forms, but not the old "packet" pedigree charts.
  - Additional Family Group Sheets and information worksheets for generation five (5). Sources of information must be filled in on family group sheets (See section "Recording the Information" in Indiana 4-H Genealogy Resource Guide 4-H 748).

* **Book #2 (Ancestors 16-31 information)**
  - Additional information worksheets.
  - A diary of your work.

* **Book #3 (Ancestors 16-31 information)**
  - Write an autobiography, the story of your life. Include pictures, relevant dates, and important events. OR, write an essay about what your hopes and dreams are for the future, or about life goals you hope to attain.
  - Any documents or pictures pertaining to these generations, correctly labeled.

2. Turn in a completed record sheet.
3. Exhibit Book #1, Book #2, and Book #3, which should only include Division 3 ancestors 16-31 and related information.

Division 4

1. Exhibit a notebook that includes the following:

   * **Book #1**
     - Six-generation pedigree charts as in Division I, ancestors #1 through #63. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors. **You must use the pedigree charts listed at** https://extension.purdue.edu/4h, **4-H 748Pc-W or 4-H 748Pbw-W ,** or the commercial software forms, but not the old "packet" pedigree charts**.**
     - Additional Family Group Sheets for generation six (6). Sources of information must be filled in on family group sheets (See section "Recording the Information").

   * **Book #2 (Ancestors 32-63 information)**
     - Additional information worksheets.
     - A diary of your work.

   * **Book #3 (Ancestors 32-63 information)**
     - A copy of a photograph or a story of a sixth-generation ancestor. Include information about the date when the photograph was taken, how or where you found it, and what's happening in it or why it was taken. If this is unavailable, write a story about the historical period during which your sixth generation ancestor was living.
     - Any documents or pictures pertaining to these generations, correctly labeled.

2. Turn in a completed record sheet**.**
3. Exhibit Book #1, Book #2, and Book #3, which should only include Division 4 ancestors 32-63 and related information.

Advanced Division

1. Exhibit a notebook that includes the following:

   * **Book #1**
     - Seventh and eighth-generation pedigree charts, ancestors #64 through # 255. If ancestry is unknown, please indicate as Unknown. Computer programs do not generally print chart numbers, so if you are using a computer program, make sure you have the correct number of ancestors.
     - Your family group sheet for generations seven (7) and eight (8).
     - Sources of information filled in on family group sheets **(See section "Recording the Information" in the Indiana 4-H Genealogy Resource Guide, 4-H 748).**

   * **Book #2 (Ancestors 64-255 information)**
     - Additional Information worksheets.
     - A diary of your work.

   * **Book #3 (Ancestors 64-255 information)**
     - Any documents or pictures pertaining to these generations; correctly labeled.

   * **Book #4**
     - One (1) new advanced level option (see below). Advanced division exhibitors must include ALL options submitted in prior years, with each option labeled with the year completed.

2. Turn in a completed record sheet.

Pedigree charts are available on the Indiana 4-H website for your additional genealogy research. **Each year following**, continue to add ancestors to your pedigree charts. In addition, choose one of the following options that has not been completed previously. Please identify, by letter, the option that you are completing (for example: Advanced Division, Year 1, Option A; Advanced Division, Year 2, Option C; etc.).

Advanced Division Year 2 and Beyond- Exhibit Book #4 that contains advanced division options and a second diary of work. If additional ancestry information was found in the seventh and eighth generation, exhibit Book 1 noting ancestors completed this year along with Books 2 and 3 demonstrating this year's work.

EXPLAIN the information received as to how it relates to you and your ancestors. Copies of documents obtained in previous divisions are acceptable and should be utilized in the option chosen if needed.

A. A migration map of your eight-generation ancestors. You should have at least one (1) map per family line with charts or explanations of the migrations.

B. A timeline historical report of a family line. Show how this family fits into history. Document your report as well as possible with dates, records, places or maps, pictures, etc. Be sure to include proper labels and sources.

C. A census history of a family line. Census abstract forms can be found on several websites. Download forms to abstract the census. Your notebook should contain copies of the census and the completed abstract form for each census.

D. A history of your family's religious background for any family line or lines. Include a brief history of the denomination. Include baptism, confirmation or profession of faith and membership records. Also include information or history of the congregations involved. Be sure to include proper labels and sources.

E. A history of your family's military service for a family line. Include supporting documents when possible. These documents could include military records, (muster rolls, discharge papers, etc.), pension records, and bounty land records, as well as maps and pictures. Be sure to include proper labels and sources.

F. A research paper on a famous ancestor. Prove your relationship to this person with documentation. Try to include pictures and anecdotes to enhance your paper.

G. Complete a family line or lines back as many generations as possible beyond eight (8) generations **(ancestors 256 and beyond)**. Include pictures, maps and documents. Be sure to include proper labels and sources.

H. A timeline historical report of another family line not previously completed. Document as well as possible as in Option B. You need to state at the beginning that this is a second family historical report on such ancestor.

I. A history of your family's military service for a family line not previously completed. Include supporting documents as in Option E. You need to state at the beginning that this is a second family military history report on such ancestor.

J. Family DNA history. (This can be a very expensive option) Please include charts and explanations. i.e. use pie charts, ethnicity estimates, approximate percentage regionally, number of countries searched, genetic percentage, family tree, graphs, etc.

GEOLOGY

PROJECT SUPERINTENDENT:	Holly Faust, 317-771-0420, holly.faust@hamiltoncounty.in.gov
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM, Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM , and 5-7 PM
STATE FAIR ENTRIES:	Three (3) Exhibits/Poster, and one (1) Independent Study

Project Description:
The 4-H Geology project helps youth learn about rocks, fossils, and minerals.

Levels:
Level 1 **Grades 3-5**
Level 2 **Grades 6-8**
Level 3 **Grades 9-12**

Project Guidelines:
Each year, members are required to complete a minimum of three (3) different manual activities. Create an exhibit to show the public some of the geology specimens you have collected. Exhibits must be displayed horizontally, sized 22" x 28," mounted on a firm backing (foam-core board or other), and covered in clear plastic or other transparent material. Or, you may display your specimens in an insect display box available for purchase at the Extension Office (18 x 24 inches), orientated horizontally. Be sure to include a label with your name, grade, and county. Choose one (1) of the topics listed below, appropriate for your grade in school, and use a title that indicates your division: Geology 1, 2, or 3. You may use a sub-title, if you wish. Titles must be in the front of the poster or box. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Notes:

- You may purchase your specimens and may display rocks, fossils, and minerals from other countries. If you purchase your specimen, indicate where and when. If you collect your specimen, indicate the county and township where you found your specimen.
- Posters and display boxes will be exhibited "standing up" at the Indiana State Fair. Therefore, you need to secure your specimens securely. Project leaders suggest the following methods: soaking ½ cotton ball in Elmer's glue, hot glue, or clear tub sealant. Place the cotton ball in your box and put your rock (or fossil or mineral) on the cotton ball and let sit. It will take one to two (1-2) weeks for Elmer's glue to fully harden. Specimens mounted with Elmer's glue can be removed by soaking the cotton ball in water. Glue remaining on the rock may be brushed off with an old, damp toothbrush.
- Do not identify your specimens any further than igneous, metamorphic, or sedimentary. There is one exception to this for fossils which are identified to phylum OR class. Class should only be used for fossils of mollusks, backboned animals, and arthropods.
- When exhibiting rocks- show a fresh surface to help judges identify the rock.
  Labels- Include the specific geographical location where you would expect to find any specimens as well as where you actually acquired it (found, purchased, etc.)

Level 1: Grade 3-5
Manual 4-H 985. (One (1) State Fair entry per county)

Exhibit
Display a poster (or use an exhibit box) based on one (1) of the following activities:

- **The Rock Cycle** (Activity 2). Explain the rock cycle using both words and pictures.
- **Rock Types** (Activities 2-4)**. Display rocks from the three (3) major types**: igneous, sedimentary, and metamorphic. Examples of each include: Igneous- granite, basalt, gabbro; Sedimentary- limestone, dolomite, shale, chert, gypsum; and Metamorphic- quartzite, schist, marble, slate.
- **How Rocks Change** (Activity 4). Color and display the picture in your book or draw and color your own on your poster. Briefly describe the earth processes that are shown.
- **Rock Artwork** (Activity 12). Display your rock artwork and the story that you created.
- **Collections** (Activity 11). Display and identify eight (8) rocks.
- **Making Crystal Models** (Activities 14 & 15). Display the crystal forms characteristic of most minerals (cubic, tetragonal, hexagonal, orthorhombic, monoclinic, triclinic) in a display box with their name and mineral with this form. You may color, paint, or use markers on your crystal models.
- **Molds and Casts** (Activities 16 & 17). Display three (3) molds and/or casts in a display box. Describe the steps that you followed to create a mold or cast.

Level 2: Grades 6-8
Manual 4-H 986 (One (1) State Fair entry per county.)

Exhibit
Display a poster (or use an exhibit box) based on one (1) of the following activities:

- Rocks with Different Textures: Identify and display six (6) rocks with three (3) very different textures (two (2) rocks of each general type). Include three (3) grades of sandpaper and show how the differences in sandpaper is similar to the differences in rock texture.
- Indiana Limestone: Show and label pictures or photographs of ten (10) buildings, sculptures, or monuments made from Indiana limestone.
- Mineral properties and tests: Explain the characteristics: crystal form, cleavage, hardness, appearance, and streak. Explain tests used in identifying specimens. Examples you might include are streak, acid, hardness, chemical analysis, and specific gravity.
- How We Use minerals: Show ten (10) common products that contain minerals. Explain the minerals that are contained in these products and the characteristic that makes them useful.
- Geologic Time: Create a display to show the major geologic eras. Indicate the names, specific features, and approximate length of each.
- Indiana's Glaciers: Show the extent of Indiana's three (3) main glaciers.

- Indiana Geology: Exhibit a map or sketch of Indiana showing at least ten (10) sites with interesting geological formations. Describe the formation and sketch or show a picture of the formation.
- Field Trip: Describe a geology field trip that you took. Describe where you went and what you learned. Include photographs (if possible) or sketch what you saw.
- Collections: Display and identify one (1) of the following: 16 minerals, 16 fossils, or eight (8) of each (eight (8) minerals and eight (8) fossils). You may exhibit a new collection in subsequent years, but not one you have already exhibited.

Level 3: Grades 9-12
Manual 4-H 987 (One (1) State Fair entry per county.)

Exhibit
Display a poster (or use an exhibit box) based on one (1) of the following activities:

- **Geology Research**: Prepare a display to teach others about the topic you studied. Include an appropriate title, abstract (brief description of your topic), and photographs, drawings, charts, or graphs that help explain your topic. This activity may be repeated if a new topic is chosen in subsequent years.
- **Lapidary and Jewelry**: Show how stones and minerals are turned into polished stones and jewelry. Show and explain the steps involved.
- **Miniatures**: Display five (5) miniatures in a display box and explain the benefits of collecting miniatures and how they are prepared.
- **Indiana's State Parks or Forests**: Create a matching game of Indiana's State Parks or Forests and a brief description. This exhibit option should include geological features of the park or forest.
- **Indiana, U.S., or World Geology**: Teach others about one (1) Indiana, U.S., or World Geology topic.
- **Career Exploration**: Prepare a display that explains your interview with someone who needs an understanding of geology to do their job.
- **Prepare an Educational Display:** Based on an Advanced Topic of your choice or mentor a younger 4-H'er enrolled in the 4-H Geology project. Use the following guidelines.
- **Advanced topic**: Learn all you can about a geology topic and present it on a poster. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Geology Independent Study."

Mentoring- Exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Resources must be from educational or government entities.

GIFT WRAP

PROJECT SUPERINTENDENT:	Betty Estridge, 317-846-2281 Chelsea Hanni, 317-489-1824, hannic44@gmail.com
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	***Monday***, July 13, 8:30 AM, Open Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	No entries, County project only

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

A **Beginner** Champion (Grades 3, 4, 5), an **Intermediate** Champion (Grades 6, 7, 8), and an **Advanced** Champion (Grades 9, 10, 11, 12) will be selected in Gift Wrap. One (1) overall Grand Champion will be selected for Gift Wrap. Packages for exhibit should NOT contain an article. Tape should not be visible on the package. Once a project has been completed or exhibited at the 4-H Fair, the member is NOT eligible to enter that division again or a lower division.

Product Guidelines and Exhibit Requirements:

All levels need a small card attached underneath the package but not covering the seam with the following information:
Occasion:_____; Age of person receiving the gift:_____;
Is the gift for a male or female:_____; Contents of package:_____.

Grade 3:
Must wrap four (4) packages during the year, not including the exhibit package. You may want to do more. Practice making neat seams, folding the edges of the paper under to create a straight, nicely creased edge.

Exhibit:
Wrap a shirt box (approximately 14 ½" long x 9" wide x 2 ¼" deep). No bow, ribbon, or decoration of any kind should be added to the package. Exhibit tag should be completely filled out and taped to the lower right-hand corner on the top of the package. Judging will be based on neatness only!

Grade 4:
Must wrap six (6) packages during the year, not including the exhibit package. You may do more. Learn to make simple, self made bows with loops. Decorate the outside of the box to accent the contents, such as if a shirt, decorate the outside with a tie, etc.

Exhibit:
Wrap a shirt box (approximately 14 ½" long x 9" wide x 2 ¼"deep). A self-made bow with loops is to be attached to the package. Exhibit tag should be filled out completely and tied to the top of the package within the ribbon or bow so it can be easily moved when being judged. Judging will be based on neatness, originality, creativity, and appropriateness of materials chosen.

Grade 5:
Wrap six (6) packages during the year, not including the exhibit package. You may do more. Be creative and imaginative by incorporating fancy ideas like flowers, bells, animals, leftover cards, etc. Learn to wrap a suit box or large, deep box. Make and use self made bows only.

Exhibit:
Wrap a suit box (approximately 24” long x 14” wide x 4 ¼” deep). A self-made bow with loops is to be attached to the package. Exhibit tag should be filled out completely and tied to the top of the package within the ribbon or bow so it can be easily moved when being judged. Judging will be based on neatness, originality, creativity, and appropriateness of materials chosen.

Grade 6:
Must wrap eight (8) packages during the year, not including the exhibit package. You may always do more. Remember, skill comes with practice. Wrap large, deep packages with or without commercial wrapping paper and self made bows. Practice lining insides of boxes neatly with tissue paper.

Exhibit:
Wrap a large, deep box (no rim) approximately 9" long x 9" wide x 9" deep. A self-made bow with loops is to be attached to the package. Exhibit tag should be filled out completely and tied to the top of the package within the ribbon or bow so it can be easily moved when being judged. Judging will be based on neatness, originality, creativity, and appropriateness of materials chosen.

Grade 7:
Must wrap ten (10) packages during the year, not including the exhibit package. May design and use your own paper on at least six (6) of these packages. Suggestions and ideas are found in the section pertaining to paper in this manual. REMEMBER: Make your own bows and trimmings. Some suggestions to use in place of ribbon and bows are yarn, strips of fabric, pine cones, small articles, felt, burlap flowers, fabric flowers, etc. By now you should have gained skill and knowledge enough to create a "work of art".

Exhibit:
Wrap a small, jewelry type box (approximately 3" long x 2” wide x 1" deep or 8" long x 2" wide x 1" deep, approx. within an inch). A self-made bow with loops is to be attached to the package. Exhibit tag should be filled out completely and tied to the top of the package within the ribbon or bow so it can be easily moved when being judged. Judging will be based on neatness, originality, creativity, and appropriateness of materials chosen.

Grade 8:
Must wrap ten (10) packages during the year, not including the exhibit package. May design and use your own paper on at least six (6) of these packages. Suggestions and ideas are found in the section pertaining to paper in this manual. REMEMBER: Make your own bows and trimmings. Some suggestions to use in place of ribbon and bows are yarn, strips of fabric, pine cones, small articles, felt, burlap flowers, fabric flowers, etc. By now you should have gained skill and knowledge enough to create a "work of art".

Exhibit:
Wrap a package with top and bottom wrapped separately**.** Lid must be removable in order to judge the inside of the box. Box must have tissue inside. A self-made bow with loops is to be attached to the package. Exhibit tag should be filled out completely and tied to the top of the package within the ribbon or bow so it can be easily moved when being judged. Judging will be based on neatness, originality, creativity, and appropriateness of materials chosen.

Grade 9:
Must wrap ten (10) packages during the year, not including the exhibit package. May design and use your own paper on at least six (6) of these packages. Suggestions and ideas are found in the section pertaining to paper in this manual. REMEMBER: Make your own bows and trimmings. Some suggestions to use in place of ribbon and bows are yarn, strips of fabric, pine cones, small articles, felt, burlap flowers, fabric flowers, etc. By now you should have gained skill and knowledge enough to create a "work of art".

Exhibit:
Wrap a package of any shape or size with non-commercial paper and a self-made bow that contains loops. (See Gift Wrap manual for ideas of non-commercial papers). Exhibit tag should be filled out completely and tied to the top of the package within the ribbon or bow so it can be easily moved when being judged. Judging will be based on neatness, originality, creativity, and appropriateness of materials chosen.

Grade 10:
Must wrap ten (10) packages during the year, not including the exhibit package. May design and use your own paper on at least six (6) of these packages. Suggestions and ideas are found in the section pertaining to paper in the manual. REMEMBER: Make your own bows and trimmings. Some suggestions to use in place of ribbon and bows are yarn, strips of fabric, pine cones, small articles, felt, burlap flowers, fabric flowers, etc. By now you should have gained skill and knowledge enough to create a "work of art".

Exhibit:
Wrap a cylinder. The ends must be covered. A self-made bow with loops must be included. Exhibit tag should be filled out completely and tied to the top of the package within the ribbon or bow so it can be easily moved when being judged. Judging will be based on neatness, originality, creativity, and the appropriateness of materials chosen.

Grade 11:
Must wrap ten (10) packages during the year, not including the exhibit package. May design and use your own paper on at least six (6) of these packages. Suggestions and ideas are found in the section pertaining to paper in this manual. REMEMBER: Make your own bows and trimmings. Some suggestions to use in place of ribbon and bows are yarn, strips of fabric, pine cones, small articles, felt, burlap flowers, fabric flowers, etc. By now you should have gained skill and knowledge enough to create a "work of art".

Exhibit:
Individually wrap a series (of not more than three (3)) of boxes in tiers. Package must include a self-made bow with loops. Exhibit tag should be filled out completely and attached to the top of the package so it can be easily removed when being judged. Judging will be based on neatness, originality, creativity, and appropriateness of materials chosen.

Grade 12:
Must wrap ten (10) packages during the year, not including the exhibit package. May design and use your own paper on at least six (6) of these packages. Suggestions and ideas are found in the section pertaining to paper in this manual. REMEMBER: Make your own bows and trimmings. Some suggestions to use in place of ribbon and bows are yarn, strips of fabric, pine cones, small articles, felt, burlap flowers, fabric flowers, etc. By now you should have gained skill and knowledge enough to create a "work of art".

Exhibit:
Wrap two (2) separate coordinating packages using any materials other than paper and bows. The two (2) packages must be physically connected in some manner. Exhibit tag should be filled out completely and attached to the top of the package so it can be easily removed when being judged. Judging will be based on neatness, originality, creativity, and appropriateness of materials chosen.

HEALTH

PROJECT SUPERINTENDENT:	Beth Delph, 317-383-1176, bfdelph@gmail.com
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Tuesday, July 14, 8:30 AM, Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Three (3) entries

Project Description:
The Health project is designed to assist 4-H members with multiple issues regarding healthy lifestyles. Current topics and concerns are covered throughout the workbooks. Members are encouraged to become involved in making a difference in their own world, as well as others. ***NO manual needs to be turned in with the project.***

Levels:
Level A **Grades 3-5**
Level B **Grades 6-8**
Level C **Grades 9-12**

Project Guidelines:
Each year complete a minimum of three (3) activities, each from a different chapter in the manual.

NOTE: Poster topics are broad to allow youth an opportunity to be creative. See poster rules, Page 30, #15**.** All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Exhibit Requirements:

Level A (Grades 3-5)

(Grade 3)
Exhibit one (1) of the following:
- A poster on one (1) of the following topics or any other topic covered in Level A:
  1. First Aid for Cuts and Scrapes
  2. First Aid for Choking
  3. First Aid for Strains, Sprains, and Bruises
- A family First Aid kit

(Grade 4)
Exhibit one (1) of the following:
- A poster on one (1) of the following topics or any other topic covered in Level A:
  1. First Aid for Treating Nosebleeds
  2. First Aid for Foreign Objects
  3. First Aid for Stings or Bites
- A family First Aid kit (including at least one (1) Make Your Own item discussed in your 4-H manual).

(Grade 5)
Exhibit one (1) of the following:

- A poster on one (1) of the following topics or any other topic covered in Level A:
  1. First Aid for Poisons
  2. First Aid for Broken Bones
  3. First Aid for Burns
- A family kit for an emergency (tornado, snowstorm, no electricity, fire, etc.)

Level B (Grades 6-8)

(Grade 6)
Exhibit one (1) of the following :

- A poster on one (1) of the following topics or any other topic covered in Level B:
    1. Human viruses or bacteria
    2. Keeping hair, skin, nails, teeth, ears or eyes clean
- A report of three (3) activities you completed in the 4-H manual.

(Grade 7)
Exhibit one (1) of the following:

- A poster on one (1) of the following topics or any other topic covered in Level B:
    1. Nutrient rich "Power" foods
    2. Healthy snacks
    3. Appropriate portion sizes
- A report of three (3) activities you completed in the 4-H manual.

(Grade 8)
Exhibit one (1) of the following:

- A poster on one (1) of the following topics or any other topic covered in Level B:
    1. The importance of eating breakfast
    2. The importance of physical activity
    3. Turning everyday activities into exercise opportunities
- A report of three (3) activities you completed in the 4-H manual.

Level C (Grades 9, 10, 11, 12)

(Grade 9-12)
Exhibit one (1) of the following:

- A poster on a topic covered in Keeping Fit: Fitness Activities for Youth
- A report of three (3) activities you completed in the 4-H manual.

HOME ENVIRONMENT

PROJECT SUPERINTENDENT:	Gerrian deJong, 317-514-8511, gerrian218@gmail.com
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	***Monday***, July 13, 8:30 AM, Open Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Six (6) entries

Project Description
For the 4-H Home Environment project, 4-H members at each grade level may choose from three (3) possible exhibit categories: a furniture item and notebook, a design board (poster and notebook), or a portfolio (notebook). All exhibits must include the Home Environment Exhibit Card, 4-H-1011-D-W. Level 3 participants will also have a fourth choice: independent study. NOTE: Each level has several options per category from which to choose. We suggest that 4-H members either choose a different option each year or show how they expanded on the same option (portfolio and furniture categories only) used in previous years. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Levels:
Level 1 **Grades 3-5**
Level 2 **Grades 6-8**
Level 3 **Grades 9-12**

Project Guidelines:
Each year complete a minimum of three (3) activities from the manual.

Categories
Furniture Item and Notebook- An actual piece of furniture accompanied by a standard notebook (3-ring binder) explaining the who, what, when, where, why, and how of the chosen project. We suggest including pictures showing where the item will be used. Also, we encourage 4-H members to include pictures of themselves doing the project, but this is not required. Always place your identification information in the notebook and on the furniture.

Design Board and Notebook- standard 22" x 28" poster, displayed horizontally with a firm backing. Design boards must be covered with plastic to protect and help hold items in place. An identification name tag must be attached in the lower right corner. The notebook is to help explain the who, what, when where, why, and how of the chosen design. This can be a "before and after project" or "plan in the future" project.

Portfolio- standard notebook (3-ring binder). If 4-H members choose to do this option more than one (1) year, we suggest that they keep the previous year's materials in the notebook. Place materials for the current year in the front, with the previous year's materials clearly marked or labeled at the back. Always place your identification information in the notebook.

Other information:
Color samples- These can be paint samples from a paint or hardware store, or color samples the 4-H member makes with paints or colored pencils.

Other samples- Many hardware or home improvement stores have free samples of wall coverings, flooring, countertops, and cabinet materials that can be used with the 4-H member's design board or portfolio.

Colored pencils- We suggest using colored pencils when coloring the design board or portfolio. Colored pencils are what professionals use! Keep in mind that the entire area does not need to be colored in, but be sure to apply enough color to adequately express design ideas. Other methods for coloring will also be accepted. These could include (but are not limited to): crayons, watercolor pencils, markers, or printing on the computer.

Notebook– Items in the notebook should include: A typed brief story about your project sharing why, what, and where your project was determined, skills learned, challenges. Could also include the total number of hours you spent on the project; Labeled pictures of your progress while working on project as well as a before and after photo; One (1) page of cost itemization of project and materials purchased to complete project. Previous years in project should be chronologically behind the current year, and separated with tab divider(s).

Accessories: Be sure to display your project with some appropriate accessories. Such things could include: small rug, knickknacks, pictures, lamp, small pillows, etc. Do not bring family treasurers or valuable items.

Level 1: Grades 3-5 (Two (2) State Fair exhibits from this level) All exhibits must include the Home Environment Exhibit Card, 4-H-1011-D-W.

Manual: 4-H 1011 Home Environment: Color, Texture, Line, and Shape.

Furniture Options for Level 1
Exhibit any of the following items demonstrating color, texture, and/or line and shape that would help complete a room. Include your notebook. (See "Furniture Item and Notebook" explanation above.)

- A hanging or wall hanging item
- A storage item or organizer item for room or the home
- Three to five (3-5) accessory items for your chosen room

Design Board Options for Level 1

- Color the line drawing found in 4-H 1011 Home Environment manual titled Color, Texture, Line, and Shape with colored pencils. Print a line drawing from the options available on the Indiana 4-H website: ***https://extension.purdue.edu/4h*** look under "projects" and then Home Environment. Create three (3) different color schemes for the line drawing you have chosen. Label the type of color scheme used in each (e.g., monochromatic, analogous, complementary, warm, or cool). Include your 3-ring notebook.
- Color the line drawing found in 4-H 1011 Home Environment manual titled Color, Texture, Line, and Shape using one (1) color option. Line drawings can be printed from the Indiana 4-H website: ***https://extension.purdue.edu/4h*** look under "projects" and then Home Environment. Use color to explain dominant and supportive colors. Attach color samples to identify two (2) additional color options. Include your 3-ring notebook.

- Display a floor plan for a bedroom showing line and shape where furniture would be placed (could be your own). Include pictures (magazine or photographs) of the furniture that would be used. We suggest using graph paper to help get the drawing close to scale and to show how line and shape work with the furniture. Include your 3-ring notebook.

Portfolio Options for Level 1

- Collect samples of different color schemes (minimum of three (3)) and label the type represented by each (e.g., monochromatic, analogous, complementary, warm, or cool).
- Collect samples from magazines or photographs of formal vs. informal balance, dominant and supportive color, and use of pattern. Include comments explaining each.
- Collect samples from magazines of three (3) different furniture designs. Label each style (e.g., traditional, modern, country, formal, or retro). Include information explaining each style.

Level 2: Grades 6-8 (Two (2) State Fair exhibits from this level) All exhibits must include the Home Environment Exhibit Card, 4-H-1011-D-W.

Manual: Home Environment: Design Decisions (University of Nebraska).

Furniture Options for Level 2
Exhibit any of the following items demonstrating color, texture, and/or line and shape that would help complete a room. Include your notebook. (See "Furniture Item and Notebook" explanation above.)

- One (1) piece of furniture the 4-H member has refinished.
- One (1) piece of furniture the 4-H member has changed using decoupage, paint, fabric, etc.
- One (1) cushion or one (1) 2-piece set of cushions, preferably made by the 4-H member, displayed with intended furniture.
- One (1) window treatment, including picture of the treatment in use. (Should not be displayed on an actual window; use false walls or plywood no-glass window cutouts, or make special display rods.)
- One (1) piece of furniture that the 4-H member has reupholstered.
- One (1) item that you are using for a different purpose than it was originally designed for (e.g., bedsheet used to make a window treatment, drawer used as a wall shelf).
- A collection of three to five (3-5) similar items (baskets, wicker items, wicker furniture, bentwood furniture, etc.) that you have made and/or purchased for future use. (For example a collection of baskets made to use as desk accessories or bathroom accessories, outdoor furniture and accessories, etc.)

Design Board Options for Level 2

- Display a floor plan for a living room, den, or family room. Include pictures (magazine or photographs) of the furniture that would be used. We suggest using graph paper to help get the drawing close to scale and to show where the furniture would be placed. Include paint samples and/or wall-treatment samples. Include your 3-ring notebook.
- Display a floor plan for a full bathroom (toilet, sink, and shower and/or bathtub). Include pictures (magazine or photographs) of the fixtures that would be used. We suggest using graph paper to help get the drawing close to scale and to show where the fixtures would go. Include paint samples and/or wall-treatment samples, and flooring samples. Include your 3-ring notebook.
- Display a floor plan for a kitchen (including appliances and sink). Include pictures (magazine, appliance brochure, or photographs). We suggest using graph paper to help get the drawing close to scale and to show where the fixtures would go. Include paint samples and/or wall-treatment samples, flooring samples, and cabinet and/or countertop samples. Include your 3-ring notebook.

Portfolio Options for Level 2

- Samples of three (3) different types of wall treatments with an explanation for each. Examples can include but are not limited to: paint only, wallpaper only, or combination of paint and wallpaper.
- Samples of three (3) different floor treatments (pictures or flooring samples). Examples can include but are not limited to: hardwood, carpet, and/or tile. Include information on the advantages and disadvantages of each. Also include information on where it would be appropriate to use each flooring type.
- Samples of three (3) different cabinet/countertop combinations (pictures or samples). Examples can include but are not limited to: granite, laminate, and/or stainless steel. Include information about the advantages and disadvantages of each.

- An energy-savings plan. Design an energy-savings plan for your family's home or room(s). List the current energy use along with your plan to conserve energy. Plan should include techniques, how to conserve energy, cost savings, etc. You may add additional rooms or other plans to extend this option over a few years. Include each previous year's work, but be sure that you indicate which information represents the current year's work.

Level 3: Grades 9-12 (Two (2) State Fair exhibits from this level) All exhibits must include the Home Environment Exhibit Card, 4-H-1011-D-W.

Manual: Home Environment: Design Decisions (University of Nebraska).

Furniture Options for Level 3
Exhibit any of the following items demonstrating color, texture, and/or line and shape that would help complete your room along with your notebook. (See "Furniture Item and Notebook" explanation above.)

- One (1) piece of furniture the 4-H member has refinished.
- One (1) piece of furniture the 4-H member has changed using decoupage, paint, fabric, etc.
- One (1) cushion or one (1) 2-piece set of cushions, preferably made by the 4-H member, displayed with intended furniture.
- One (1) window treatment, including picture of the treatment in use. (Should not be displayed on an actual window; use false walls or plywood no-glass window cutouts, or make special display rods.)
- One (1) piece of furniture that the 4-H member has reupholstered.
- One (1) item that you are using for a different purpose than it was originally designed for (examples are a bedsheet used to make a window treatment or a drawer used as a wall shelf).
- A collection of three to five (3-5) similar items (baskets, wicker items, wicker furniture, bentwood furniture, etc.) that you have made and/or purchased for future use. (For example a collection of baskets made to use as desk accessories or bathroom accessories, outdoor furniture and accessories, etc.).

Design Board Options for Level 3

- Display a floor plan for a child's or teen's bedroom. Include a special "theme" appropriate for a child or teen (e.g., princess, cartoon character, music group, favorite book, or special hobby). Include pictures (magazine or photographs) of the furniture that would be used. Floor plan should be to scale with general measurements included. Include samples of window, wall, and flooring treatments. Include your 3-ring notebook.
- Display a floor plan for a game room or family hobby room (e.g., room with pool table, ping pong table, and/or game table; home theater; or music room). Include pictures (magazine or photographs) of the furniture that would be used. Floor plan should be to scale with general measurements included. Include samples of window, wall, and flooring treatments. Include your 3-ring notebook.
- Display a floor plan of master suite (bedroom and bath). Include pictures (magazine or photographs) of the furniture that would be used. Floor plan should be to scale with general measurements included. Include samples of window, wall, and flooring treatments, etc. This exhibit must also include fabric samples (e.g., bedspread, window treatment). Include your 3-ring notebook.
- Display a floor plan of a one or two (1 or 2) bedroom home or apartment. Include color scheme samples and furniture layouts. Floor plan should be to scale with general measurements included. Window, wall, and flooring treatment samples should be included for each room. (Pictures of furniture are not a requirement.). Include your 3-ring notebook.

Portfolio Options for Level 3

- Samples of three (3) different lighting treatments. Explain how and when each is appropriate for use. Examples include but are not limited to: overhead, recessed, and table/floor lamps. Include information as it relates to energy use and efficiency.
- Samples of three (3) different types of window treatments. Include information on the use of each kind and in what room each would be appropriate. Include information on the advantages/disadvantages of each. Also, include information as it relates to energy use and efficiency.
- Using the same window (size and shape), apply three (3) different types of window treatments. Explain the advantages and disadvantages of each. Explain what type of setting (formal, country, traditional, modern, etc.) would be appropriate for each treatment. Include information related to energy use and efficiency.
- A career plan. Interview an interior designer. Include the advantages and disadvantages of being a professional interior designer. Research two (2) different design schools or training programs. Include the advantages and disadvantages of each program. Include the cost of attaining a degree or completing the program.

- An energy-savings plan. Design an energy-savings plan for your family's home or room(s). List the current energy use along with your plan to conserve energy. Plan should include techniques, how to conserve energy, cost savings, etc. You may add additional rooms or other plans to extend this option over a few years. Include each previous year's work, but be sure that you indicate which information represents the current year's work.

Independent Study Option for Level 3
Youth in grades 9-12 have the option of doing an independent study project. Those 4-H members who choose this option must review their ideas with their 4-H Youth Development Extension Educator and/or Home Environment project leader to make sure they have selected an appropriate topic/exhibit.

JUNIOR LEADERS

PROJECT SUPERINTENDENTS:	Kathleen Bohde, 317-776-0854, bohde@purdue.edu Lisa Hanni, 317-776-0854, lahanni@purdue.edu
EXHIBIT CHECK-IN:	Project manual and record sheet, June 24, 2020
JUDGING:	No Judging
RELEASE:	Jr. Leader meeting in the fall
STATE FAIR ENTRIES:	No entries, County Service program only

Project Description:
The Junior Leader project is designed to give older 4-H members the opportunity to develop their leadership skills. Junior Leaders provide guidance to younger 4-H members, assist with local and county 4-H activities, complete community service projects, meet new friends, and have **FUN!**

Levels:
Grades 7-12

Project Guidelines
Each member must do the following to complete the Hamilton County Junior Leader project. The project manual/record sheet is due in the Extension Office by the June Junior Leader Meeting.

- Complete three (3) activities out of the project manual.
- Everyone is expected to work in the Junior Leader concession stand four (4) hours during the county fair.
- Assist with a project check-in or check-out during the county fair.
- Assist at one (1) project judging during the county fair.
- Give a demonstration at their local 4-H Club Meeting.
- Help with the organizing of their local club's programs for the year.
- Complete one (1) optional activity for each year you've been in Junior Leaders.

Optional Activities
- Recruit new members or encourage current members to re-enroll.
- Help members prepare and give good demonstrations.
- Assist younger members in completing record sheets and white "My Record of Achievement" cards.
- Assist younger members in choosing projects and completing the enrollment card.
- Help your club members learn parliamentary procedure to run club meetings.
- Assist with Hamilton County 4-H Day Camp.
- Assist with Project Workshops, Ag Day, or other County 4-H Event.
- Encourage members to apply for trips and fill out their white "My Record of Achievement" cards.
- Encourage younger members to go to 4-H Camp.
- Speak to groups, other than your local 4-H club, about 4-H.
- Assist local club officers in understanding and completing their duties.
- Serve on committees for planning and conducting Junior Leader activities.
- Assist young 4-H members in completing their projects- this may include demonstrating techniques, answering questions, helping them get necessary supplies, etc.

MICROWAVE

PROJECT SUPERINTENDENT:		Evelyn Burton, 317-519-5788, evelyn.s.burton@gmail.com Caryn Terry, terryc@wws.k12.in.us
EXHIBIT CHECK-IN:	Grades 3-6	Wednesday, July 15, 8-9 AM
	Grades 7-12	Wednesday, July 15, ***10-11 AM***
JUDGING:	Grades 3-6	Wednesday, July 15, 9 AM, Open Judging
	Grades 7-12	Wednesday, July 15, ***11 AM***, Open Judging
RELEASE:		Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:		No entries, County project only

Levels:
Junior: **Grades 3-6**
Senior: **Grades 7-12**

Project Guidelines: All divisions complete three (3) Microwave experiments.
Exhibit Requirements:

- Filling, frosting, glazing, pie filling, and meringue, whether uncooked or cooked, are not permitted to contain cream cheese, whipped cream, pasteurized/unpasteurized milk or eggs/egg whites (pasteurized eggs or eggs cooked to 160°F may be used). Home-canned fruits, vegetables, or meats are not permitted in products. Recipes must be provided that show which ingredients were used in each part of the product. Contestants should carefully wash their hands and make sure that their hands do not have any open cuts before preparing foods. Contestants should not prepare ready-to-eat foods to be entered into competition if they are ill with vomiting, diarrhea, fever, sore throat, or jaundice. Whenever possible, baked products should be transported and stored in chilled coolers (41°F).
- All products must be baked in a microwave oven, not a conventional or convection oven AND BE MADE FROM SCRATCH.
- Exhibit products on cardboard or Styrofoam plates or containers slightly larger than the product and cover in some manner. (All containers, unless claimed beforehand, will be disposed of immediately after judging.)

Recipe or index cards:

1. A recipe card or index card (no larger than 5 ½" x 8 ½") is required for all food preparation and food preservation exhibits. Be sure to include the recipe source and all the information requested in the exhibit description, as well as your name, county, grade level/exhibit option, and 4-H Club. It is recommended that you wrap the card in plastic wrap or in a plastic bag. Recipe cards will not be returned.
2. Since it is illegal in the State of Indiana for youth under the age of 21 to purchase or consume alcoholic beverages, 4-H members are to use recipes that do not include an alcoholic beverage as an ingredient. A suitable non-alcoholic or imitation product may be substituted.

GRADE 3:
Exhibit entire recipe of a microwave snack.

GRADE 4:
Exhibit entire recipe of fudge.

GRADE 5:
Exhibit an entire recipe of bar cookies or brownies (no plain rice krispie treats).

GRADE 6:
Exhibit a whole upside down cake.

GRADE 7:
Exhibit entire recipe of fruit crisp.

GRADE 8:
Exhibit a whole coffee cake.

GRADE 9:
Exhibit an entire recipe of hard candy.

GRADE 10:
Exhibit a whole double layer or Bundt cake.

GRADE 11:
Exhibit a whole pie.

GRADE 12:
Exhibit one (1) jar of jam or jelly (Label with date and name of item). ***After filling your jar, for food safety, process in a boiling water canner for ten (10) minutes. Do not attempt to process in the microwave. See manual for more information.***

MODEL TRACTOR PULL
(1/16 scale model tractors)

PROJECT SUPERINTENDENT:		Rodney & Tasha Rulon, 317-694-6741, tasharulon@hotmail.com
EXHIBIT CHECK-IN:	Notebooks	Sunday, July 12, 4-6 PM
	1/16th Model Tractor	Monday, July 20, 9 AM
JUDGING:	Notebooks	Monday, July 13, 8:30 AM, Closed Judging
	1/16th Model Tractor	Monday, July 20, 9:30 AM, Open Judging
RELEASE:		Immediately following judging
STATE FAIR ENTRIES:		No entries, County project only

Project Description: This is an engineering and design project which you will start with a metal 1/16th scale toy tractor and add a motor, gearbox and rubber tires to create a scale size pulling tractor. All members must complete at least one (1) year in the beginner (electric) and one (1) year in the intermediate (fuel) Pro-Stock class before being able to exhibit in the advanced division **regardless of your grade in school.** For example: All first year members must exhibit as beginners (electric) regardless of grade. Second year members in grades 6-12 will exhibit as intermediates. The earliest you may exhibit in the advanced division is your third year in the project **regardless of your grade in school.** In addition, because of the expense and complexity of converting to the fuel powered classes, members of all grades will be able to continue to participate and complete the project with an electric powered tractor which follows the beginner division requirements even if they are registered as intermediate or advanced. Advancement to fuel power will be at the discretion of the member. However, members who choose to continue to participate in the electric class while registered for intermediate or advanced divisions will not be eligible for the Champion/Grand Champion electric placing. Champion and Grand Champion of the beginner division will be available only to those registered in the beginner division. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Project Guidelines:

- Use a General Record Sheet (4-H 528).
- Projects will be judged as follows:
  25% on Static Model and Project Binder.
  75% on placing in the tractor pull at the Hamilton County 4-H fair.

Exhibit Requirements:

- For all divisions a project binder with your completed general record sheet and pictures/information about your tractor will be on display at the 4-H fair. The binder should include correct photos of your tractor along with captions explaining photos/engineering concepts. Photos of the completed tractor at the pull will also be needed for maximum binder points.
- Check-in for this will be on Sunday, July 12, 2020.
- Binders will be judged with placings awarded prior to the tractor pull.
- On the day of the pull you will be expected to bring your completed tractor for a tech inspection and check prior to the pull.

Project Guidelines:

Beginner- Exhibit one (1) 1/16th scale model tractor with restricted gear ratio and electric motor which will be purchased from the project superintendent. See project manual for additional requirements. Turn in completed general record sheet for judging with project binder.

Intermediate- Exhibit one (1) 1/16th scale model tractor with restricted gear ratio using up to a 35% fuel mixture powered engine (unless choosing to pull in electric class as outlined above.) See project manual for additional requirements. Turn in completed general record sheet for judging with project binder.

Advanced- Exhibit one (1) 1/16th scale model tractor using up to a 35% fuel mixture powered engine (unless choosing to pull in electric class as outlined above). See project manual for additional requirements. Turn in completed general record sheet for judging with project binder. Exhibitors in the advanced division will be allowed to enter up to two (2) tractors in order to post a placing in both the 3 pound and 5 pound weight classes for Grand Champion consideration as necessary. Only one (1) entry per class per exhibitor is allowed. This will generally apply to those entering a tractor in the 5 pound Super Stock class and a different tractor in 3 pound Pro-Stock class.

PEOPLE IN MY WORLD

PROJECT SUPERINTENDENT:		Erin Vollmer, 317-345-0106, erinmvollm@gmail.com
EXHIBIT CHECK-IN:		Sunday, July 12, 4-6 PM
JUDGING:	Beginner	Monday, July 13, 8:30 AM, Open Judging
	Intermediate	Monday, July 13, 9:30 AM, Open Judging
	Advanced	Monday, July 13, 10:30 AM, Open Judging
RELEASE:		Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:		No entries, County project only

Project Description: People in My World may include family, church groups, school groups, sports teams, dance teams, 4-H Club, etc. Each group of people becomes an extension of your life and, therefore, becomes "People In My World".

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Exhibit Requirements:
All exhibitors must complete a General Exhibit Record Sheet. Each exhibitor will have a 3' x 3' x 3' table space available for their display board, report, and non-photo items. Display a freestanding 3 sided foldout display board measuring approximately 35" x 46" when completely unfolded (presentation headers are acceptable). Each display board should have a label approximately 2" x 3" in the lower right-hand corner that includes name, club, project, year in project, and grade. Each 4-H member also needs two (2) exhibit tags to accompany project at check-in. Exhibits may include related non-photo items such as brochures, ticket stubs, music, novelty items, etc. Be Creative! Reports must be in a report cover or 3-ring binder. Exhibit reports need to include how you became involved with the group, your participation in the group, and how the group has affected your life. Exhibitor is responsible for set-up and removal. Valuables may be included for judging and removed immediately following judging with approval of project superintendent. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Beginner- Display minimum ten (10) photos of people with captions, minimum one (1) page report, and minimum one (1) non-photo item.

Intermediate- Display minimum fifteen (15) photos of people with captions, minimum three (3) page report, and minimum three (3) non-photos items.

Advanced- Display minimum twenty (20) photos of people with captions, minimum five (5) page report, and minimum five (5) non-photo items.

Champions will be given for Beginner, Intermediate, and Advanced divisions. There will be one (1) overall Grand and Reserve Grand Champion awarded.

PHOTOGRAPHY

PROJECT SUPERINTENDENT:		Kelly Michaels, 317-508-9993, 4h@kellynicolecreative.com
EXHIBIT CHECK-IN:		Sunday, July 12, 4-6 PM
JUDGING:	Beginner	Tuesday, July 14, 8:30 AM, Open Judging
	Intermediate	Tuesday, July 14, 10:30 AM, Open Judging
	Advanced	Tuesday, July 14, 1 PM, Open Judging
RELEASE:		Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:		Ten (10) entries

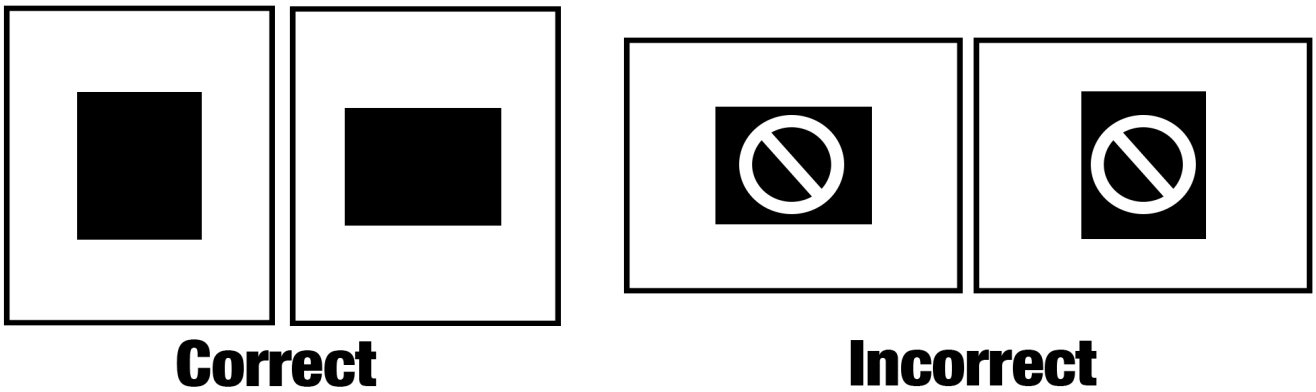
Project Description:
In the photography project, the 4-H member will learn to take pictures using proper lighting, exposure, and composition. In addition, the member will learn about different types of cameras, film, lenses, and filters. There will be a Grand Champion in each level: Beginner, Intermediate, and Advanced.

Levels:

Beginner	Grades 3-5
Intermediate	Grades 6-8
Advanced	Grades 9-12

Project Guidelines:

- Each year, members are required to complete three (3) different project manual activities.
- Complete photography specific record sheet that can be found on the 4-H website.
- **A 4-H member may enter only one (1) exhibit in the photography project.**
- All images are to be original images taken by the 4-H member.
- Photos must have been taken since the last project entry date of the county fair.
- All poster exhibits must follow poster rules on Page 30, #15.
- Photos on poster board are required to be numbered 1 to 10.
- Captions under your photographs are NOT recommended nor are fluorescent posters.
- Sepia tone photographs (monochromatic) are entered under the Black & White classes.
- A salon print is one (1) picture, either Black & White or Color. The picture can be printed horizontally or vertically. The picture must be mounted on a standard 16” x 20” salon mount, displayed vertically (16” wide by 20” tall), and be covered with plastic. Salon prints may be matted, but should not be framed. The identification label and county fair exhibit tag may be placed on the outside of the plastic so as not to damage the matting.



Mounting and Labeling:
The mounting may be of any color or texture. Pictures are to be neatly and securely attached. Dry mounting tissue is best.

Salon mounts are available at most photo and art supply stores. They are available with or without a cutout in the picture area. You may make your own. Matting is not required, but recommended. All poster exhibits must follow poster rules on Page 30, #15 about labeling. Add the category of the project, example: Creative Salon Print.

DIGITAL VS. FILM:
Anything that can be done in a dark room or on an enlarger, can be done on a computer, i.e. cropping, color correction, parallax, etc. If an image is digitally altered beyond what can be done on the enlarger, i.e. adding different background, removing buildings or people, adding text, hand-coloring, etc. it should be entered in the "Creative/ Experimental" Class. We realize this will be difficult to enforce and ask your cooperation. We also realize the person with an expensive digital camera and high powered computer has some advantages. By the same token, the person with the expensive, large format film camera that takes his processing to a custom lab has many advantages over the person with an inexpensive 35mm camera doing their processing at the local retail store.

State Fair Selection:
Counties may send two (2) Beginner entries, four (4) Intermediate entries, and four (4) Advanced entries for a total of ten (10) exhibits to the State Fair. Being selected category winner may not be an automatic State Fair entry. The judge (s) will need to choose the best from each level.

Exhibit Requirements:
Beginner (Grades 3, 4, & 5)
Choose one (1):

- Black & White Prints
- Color Prints

BLACK and WHITE PRINTS: "Capturing Memories"
EXHIBIT: Ten (10) black and white pictures of any subject, none of which are larger than 4” x 6” nor smaller than 3½” x 5”. The pictures are to be mounted on a 22” tall x 28” wide poster board with stiff backing and covered with plastic. The poster must be titled "Capturing Memories". It is recommended that you use and exhibit standard print sizes. Your prints may be a mix of digital and/or standard development. See mounting and labeling instructions section for more information.

COLOR PRINTS: "Experiences in Color"
EXHIBIT: Ten (10) color pictures of any subject, none of which are larger than 4” x 6” nor smaller than 3½” x 5”. The pictures are to be mounted on a 22” tall x 28” wide poster board with stiff backing and covered with plastic. The poster must be titled "Experiences in Color". It is recommended that you use and exhibit standard print sizes. Your prints may be a mix of digital and/or standard development. See mounting and labeling instructions section for more information.

Intermediate (Grades 6, 7, 8)
Choose one (1) from the list below:

- Black & White Prints
- Color Prints
- Color Salon Print
- Black & White Salon Print
- Creative/Experimental

BLACK and WHITE PRINTS: "Photography is Fun"
EXHIBIT: Ten (10) black and white pictures none of which are larger than 5” x 7” nor smaller than 2” x 3½”. The pictures are to be mounted on a 22” tall x 28” wide poster board with stiff backing and covered with plastic. The poster must be titled "Photography is Fun". Your prints may be a mix of digital and/or standard development. See mounting and labeling instructions section for more information.

COLOR PRINTS: "Adventures in Color"
EXHIBIT: Ten (10) color pictures, none of which are larger than 5” x 7” nor smaller than 2” x 3½”. The pictures are to be mounted on a 22” tall x 28” wide poster board with stiff backing and covered with plastic. The poster must be titled "Adventures in Color". Your prints may be a mix of digital and/or standard development. See mounting and labeling instructions section for more information.

BLACK and WHITE OR COLOR SALON PRINT:
EXHIBIT: One (1) black & white OR one (1) color print that is no smaller than 7” x 9” and no larger than 11” x 14”. The picture may be displayed vertically or horizontally within a mat that measures 16” wide x 20” tall. The salon must have a stiff backing (i.e. foam core, heavy cardboard, or other type of stiff backing) and be covered in plastic. The picture may be either surface mounted or window mounted (an opening cut in the mat board with the picture behind). It is not recommended to have the exhibit framed or titled. The county fair exhibit tag and identification label may be placed on the outside of the plastic so as not to damage the matting.

CREATIVE/EXPERIMENTAL SALON PRINTS:
EXHIBIT: Any modified image may be exhibited as creative/experimental. One (1) black & white or one (1) color print or a combination thereof. The picture should be no smaller than 7” x 9” nor larger than 11” x 14”. The picture may be displayed vertically or horizontally within a mat that measures 16” wide x 20” tall. The salon must have a stiff backing (i.e. foam core, heavy cardboard, or other type of stiff backing) and be covered in plastic. The picture may be either surface mounted or window mounted (an opening cut in the mat board with the picture behind). It is not recommended to have the exhibit framed or titled. The county fair exhibit tag and identification label may be placed on the outside of the plastic so as not to damage the matting. You MUST include original photograph(s) on the back of the board with a list of steps and/or procedures used to create the end product.

Advanced (Grades 9, 10, 11, 12)
You may choose one (1) from the list below:

- Black & White Prints
- Color Prints
- Color Salon Print
- Creative/Experimental

BLACK and WHITE PRINTS:
EXHIBIT: Ten (10) black and white pictures, none of which are larger than 8” x 10” nor smaller than 2” x 3½”. The pictures are to be mounted on a 22” tall x 28” wide poster board with stiff backing and covered with plastic. The poster must carry a title and is up to the exhibitor’s creativity. Your prints may be a mix of digital and/or standard development. See mounting and labeling instructions section for more information.

COLOR PRINTS:
EXHIBIT: Ten (10) color pictures, none of which are larger than 8” x 10” nor smaller than 2” x 3½”. The pictures are to be mounted on a 22” tall x 28” wide poster board with stiff backing and covered with plastic. The poster must carry a title and is up to the exhibitor’s creativity. Your prints may be a mix of digital and/or standard development. See mounting and labeling instructions section for more information.

SALON PRINT:
EXHIBIT: One (1) black & white OR one (1) color print that is no smaller than 7” x 9” and no larger than 11” x 14”. The picture may be displayed vertically or horizontally within a mat that measures 16” wide x 20” tall. The salon must have a stiff backing (i.e. foam core, heavy cardboard, or other type of stiff backing) and be covered in plastic. The picture may be either surface mounted or window mounted (an opening cut in the mat board with the picture behind). It is not recommended to have the exhibit framed or titled. The county fair exhibit tag and identification label may be placed on the outside of the plastic so as not to damage the matting.

CREATIVE/EXPERIMENTAL SALON PRINT:
EXHIBIT: Any modified image may be exhibited as creative/experimental. One (1) black & white or one (1) color print or a combination thereof. The picture should be no smaller than 7” x 9” nor larger than 11” x 14”. The picture may be displayed vertically or horizontally within a mat that measures 16” wide x 20” tall. The salon must have a stiff backing (i.e. foam core, heavy cardboard, or other type of stiff backing) and be covered in plastic. The picture may be either surface mounted or window mounted (an opening cut in the mat board with the picture behind).

It is not recommended to have the exhibit framed or titled. The county fair exhibit tag and identification label may be placed on the outside of the plastic so as not to damage the matting. You MUST include original photograph(s) on the back of the board with a list of steps and/or procedures used to create the end product.

PUBLIC SPEAKING

PROJECT SUPERINTENDENT:	Phil Anderson, 317-294-2775, rethinkphil@gmail.com
EXHIBIT CHECK-IN:	Saturday, July 18, 8 AM
JUDGING:	Saturday, July 18, 8:30 AM, Open Judging
RELEASE:	Immediately following judging
STATE FAIR ENTRIES:	Three (3) entries

Project Guidelines:

BEGINNER
Grades 3-5
• Must present a ***two to three (2-3) minute*** speech to your 4-H club.
• Must give a ***two to three (2-3) minute*** speech at the county contest.

INTERMEDIATE
Grades 6-8
• Must present one (1) speech to your 4-H club.
• Must make another speech or presentation to a group other than your 4-H club. (Examples: school, church, scouts, debate, performing arts, or other extra-curricular activity.) Have group leader sign record sheet.
• Must give a three to five (3-5) minute speech at the county contest.

ADVANCED
Grades 9-12
Each year, senior members must:
• Present one (1) speech to your 4-H club.
• Make two (2) speeches or other presentations to groups other than your 4-H club. (Examples: school, church, scouts, debate, performing arts, or other extra-curricular activity.)
• Must give a five to seven (5-7) minute speech at the county contest.

Complete one (1) additional activity from the following list:

1. Introduce a guest or a speaker to a formal group.
2. Present a 4-H promotion speech to a non-4-H group.
3. Volunteer four (4) hours taking telephone messages in the community
4. Audio record your county speech.
5. Video record your county speech.
6. Conduct an interview with a former 4-H'er about their 4-H experiences. (Include a copy of at least six (6) questions used in the interview).
7. Conduct an interview with an adult in your area of career interest. (Include a copy of at least six (6) questions used in the interview).
8. Be interviewed for a job.
9. Promote 4-H and community activities through 4-H Junior Leaders events, such as Ag Day, camps, workshops, etc.

Exhibit Requirements:
Exhibit for the fair is to participate in the county Public Speaking contest held during the fair. The topic can be of the 4-H members choice, but must be related to 4-H. Props, signs, and PowerPoint presentation are not permitted. This contest allows the 4-H member to give their prepared speech to an audience from a stage or stage-like setting. There is no interaction with the audience. Questions may be asked by the judges following the speech. Project activities for each age category must be completed or you will be dropped a ribbon. Complete a total of three (3) activities in the project manual.

Beginner
Time: ***Two to three (2-3) minutes***. Beginner members have the option of participating at the public speaking contest at the county fair. Beginner members are not eligible for State Fair Entry.

Intermediate
Time: Three to five (3-5) minutes. Judges will penalize contestants not meeting these time limits.

Advanced
Time: Five to seven (5-7) minutes. Judges will penalize contestants not meeting these time limits.

For State Fair:

- County may enroll their top three (3) contestants in the Intermediate and Advanced levels. Entry deadline to be August 1.
- Members who have previously been first place winners in the State Fair public speaking contest are not eligible to participate if they accepted the State Fair achievement trip.
- At the state contest, the top two (2) advanced public speaking individuals (except those who previously have received this trip) will be awarded the State Fair Achievement Trip.

RECYCLING

PROJECT SUPERINTENDENT:		Vivian Summeier, 317-773-4176, Fsummeier@att.net
EXHIBIT CHECK-IN:		Sunday, July 12, 4-6 PM
JUDGING:	***Beginner***	Monday, July 13, 8:30 AM, Open Judging
	Intermediate	Monday, July 13, 9:30 AM, Open Judging
	Advanced	Monday, July 13, 10:30 AM, Open Judging
RELEASE:		Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:		No entries, County project only

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Project Guidelines:

Grades 3-5

- Complete at least two (2) activities each year in the manual.
- Read all information sheets in the manual.
- Prepare exhibit and notebook for 4-H Fair (attach an information card to project).
- Gain knowledge in Environmental Awareness, Natural Resources, Basic Recycling Techniques.

Grades 6-8

- Complete at least two (2) activities each year in the manual.
- Read all information sheets.
- Prepare exhibit and notebook for 4-H Fair (attach an information card to project).
- Gain knowledge in Composting, home and school recycling, and purchasing awareness.

Grades 9-12

- Complete at least two (2) activities each year in the manual.
- Prepare exhibit and notebook for 4-H Fair (attach information card to project).
- Gain knowledge in Community environmental awareness, Regulators, Hazardous waste.

Exhibit Requirements:

A person may enter a recycling article in one (1) of the following categories:

- Clothing items (woven or knitted)
- Furniture items
- Bottles or cans
- Discarded mechanical parts and equipment
- Miscellaneous

To determine your category…the item you end with will be the category you will be in.

Each article will be judged on its own merit and must be accompanied with a record sheet and an illustrated notebook. Attach an "Our Environment" Information Card (available in the Extension Office).

With each exhibit include an illustrated notebook. Explain your exhibit and activities completed from your manual. Include your record sheet and project manuals in your exhibit notebook. Each year your notebook should include your previous year's work in the back.

Ideas for obtaining recycled articles: magazines, books, stores, friends, neighbors, etc.
Examples for each category:

- Clothing- hats and purses from blue jeans
- Furniture- coke cases made into end tables, discarded mechanical parts and equipment
- Bottles or cans- canister set
- Miscellaneous- greeting cards as baskets, etc.

Exhibit should not be larger than a table or floor display (If needed, make arrangements for display at the County Extension Office).

Exhibit will be judged by the following guidelines:

EXHIBIT (75%)

- Originality of 4-H Exhibit
- Choice of Materials
- Workmanship
- Usefulness
- Creativity of Project
- Information Card Attached

NOTEBOOK (25%)
(Include Record Sheet and Project Activity Book in your Notebook)

- Project Plan Devised
- Record Sheet Included
- Activities Completed
- Pictures Describing Activities Project

TOTAL: 100 points

SCRAPBOOK ALBUM

PROJECT SUPERINTENDENT:	Rosanna Kreider, 317-629-6546, kevros90@prodigy.net
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 1 PM Open Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	No entries, County project only

Project Description:
Documenting your memories takes place many ways. Scrapbook albums can be a traditional, personally designed scrapbook album, a book-bound album designed using an online service, or a scrapbook designed using a software program.

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Project Guidelines:
Whichever design is your choice, please keep the following in mind:

- Each scrapbook album must have ten (10) completed pages for judging.
- Each scrapbook album that will be exhibited must have an exhibit tag (attached with a string or ribbon) with the 4-H member's name, club, and grade on it.
- The attached exhibit tag will also indicate the page numbers to be judged. If not listed, pages one to ten (1-10) will be judged. Different pages are judged each year.
- Page numbers do not have to be written on the album pages.
- Incomplete pages are not eligible for judging and are not counted towards the ten (10) page total.
- Use a variety of cropping techniques and page layouts to add interest and creativity.
- Use chronology within your journal-writing and the placement of your photos.

- Examples of memorabilia which may be used include: Holiday cards, school achievements or certificates, concert tickets, and event programs.
- Photos and memorabilia do not have to be on each page; They may be on separate pages.
- Journal-writing is a must- without it, your photos and memorabilia will be less meaningful.

Beginner: Labeling of photos with names, dates, places, etc. If there is memorabilia included, the same labeling applies.

Intermediate: Beginner requirements PLUS capturing your memories with captions or words recording the happenings of the photos and any memorabilia.

Advanced: Beginner and Intermediate requirements PLUS storytelling- sharing your thoughts and feelings and telling a complete story or memory on each page. (Not every photo has a complete story, so please choose the ones deserving of this when you are thinking of your pages and page designs- it is okay to put several photos on a page and just use one of them to tell a story. Label or caption the other photos on the page.)

Exhibit Requirements:

A. Traditional designed scrapbook albums will include:

- Photos
- Memorabilia
- Decoration
- Documentation

The album must have a front and back cover with the album pages firmly attached.
The album size must be at least 8” x 8”. Exhibited albums cannot be ring binders.
Use neat penmanship (no typing) so as to exhibit your unique character and heritage.

B. Online service designed albums include:

- Photos
- Templates
- Decoration
- Documentation

The album must have a front and back cover with the album pages firmly attached.
The album size must be at least 8” x 8” in a book-bound finish.
The online service must allow for sufficient space for journal-writing requirements.
Some examples of online services may be, Shutterfly, Snapfish, etc., but not limited to these programs.

C. Software-designed scrapbooks include:

- Photos
- Memorabilia
- Decoration
- Documentation

The album must have a front and back cover with the album pages firmly attached.
The album size must be at least 8” x 8”. Exhibited albums cannot be ring binders.
Memorabilia may be scanned onto the page if the software has this feature.
The software program must allow for sufficient space for journal-writing requirements.

SEWING
(Also Fashion Revue Categories)
(Fashion Revue information follows this section)

PROJECT SUPERINTENDENT:		Liz Trinkle, 317-374-4534, etrinkle@hse.k12.in.us
		Carol Turner, 812-298-4108, csjturner41@gmail.com
EXHIBIT CHECK-IN:		Sunday, July 12, 4-6 PM
JUDGING:	Grade 3	Monday, July 13, 8:30 AM, Open Judging
	Grades 8-12	Monday July 13, 8:30 AM, Open Judging
	Grades 4-5	Monday, July 13, 9:15 AM, Open Judging
	Grades 6-7	Monday, July 13, 10 AM, Open Judging
RELEASE:		Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Wearable	Eleven (11) entries
	Non-Wearable	Ten (10) entries

Project Description:
This is a series on how to sew. Participants sew garments of increasing difficulty as they progress. Project members learn how to select fabrics and patterns, as well as proper use of sewing machines. In addition, members learn the fundamental techniques of proper construction. The garments range from simple items such as a pillow sham or tote bag to a tailored suit or coat.

Levels:

Level A	**Grade 3-4**
Level B	**Grade 5-6**
Level C	**Grade 7-9**
Level D	**Grade 10-12**

Project Guidelines:
While it is recommended that all learning activities be completed, you are required to complete a minimum of four (4) learning activities. “The Absolute Easiest Way to Sew” is a resource book you can pick up in the Extension Office to help you learn new sewing techniques.

Exhibit Requirements:

NOTE:
- All Levels- You will need to add your Pattern name and number, website or other resource used, to your exhibit tags for judging.
- You may exhibit in both wearable and non-wearable categories.

Exhibit Rules:
1. All garments are to be exhibited on disposable hangers.
2. Garments should be on an appropriate hanger.
3. Skirts, pants, shorts on clip hangers.
4. Dresses, tops, jumper on swivel top plastic hangers.
5. Secure straps in hanger notches when necessary.
6. Connect the hangers of exhibits with multiple garments.
7. ALL WEARABLE SEWING EXHIBITS SHOULD BE COVERED WITH A CLEAR (DRY CLEANER TYPE) GARMENT BAG.
8. Non wearable sewing exhibits should be on a hanger, if possible, AND COVERED WITH A CLEAR PLASTIC BAG.
9. One (1) exhibit tag should be attached to the exhibit, regardless of the number of pieces.
10. Each exhibit should have a completed “Sewing Skills Card”. The "Sewing Skills Card" must be for the correct grade level and be included with the finished exhibit.
11. Sewing grades 8-12 should indicate on the back of the exhibit card the category in which they plan to complete. Example: Informal or Casual Wear, Dress Up, Free Choice, Suit or Coat, Separates, and Formal Wear.

Level A: Grade 3
Your project should be sewn from woven cotton or cotton blend fabric. Attach Sewing Skills Card (4-H 925c-W) to the exhibit.
Wearable:

- Elastic waist shorts, pants OR skirt with fold over casing; no pockets.

Non Wearable:

- Simple pillow sham with lapped back opening and purchased pillow form (following instructions printed in manual) OR simple tote bag with handles or drawstring.

SEWING SKILLS:
Include at least two (2) of the following skills in the exhibit:

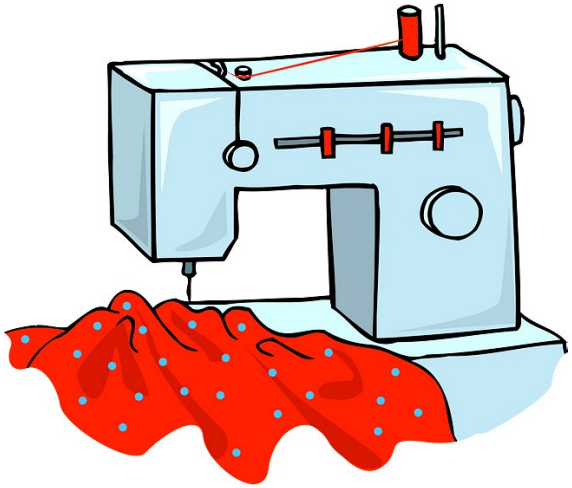
- Insert elastic or drawstring.
- Sew and trim a crotch curve.
- Machine topstitch hems.
- Use a simple seam finish.
- Stitch in the ditch. (See the "The Absolute Easiest Way to Sew" book.)

Level A: Grade 4
Sew your projects from cotton or cotton blend fabric. Attach Sewing Skills Card (4-H 925c-W) to the exhibit.
Wearable:

- Shorts, pants or skirt with partial or full sewn-on waistband or waistline facing, or partial elastic waist-band (not a full elastic waistband) OR simple shirt or top OR BBQ apron.

Non-Wearable:

- Shaped pillow with curved seams, stuffed ,and sewn closed.
- Hanging pocket organizer.
- Bound edge placemats (set of four (4)).



SEWING SKILLS:
Seam finishes are RECOMMENDED on all exposed seams.
Include at least two (2) of the following skills in the exhibit:

- Use interfacing.
- Staystitch and understitch.
- Apply a facing or binding.
- Stitch curved seams.
- Trim and grade seams.
- Work with fiberfill.
- Machine topstitch hems.

Level B: Grade 5
Attach Sewing Skills Card (4-H 926c-W) to the exhibit.
Wearable:

- Simple shirt with sleeves.
- Sundress or jumper.
- Simple two (2) piece pajamas.
- ***A similar article is permissible provided the skillset is the same as the listed articles.***

Non-Wearable:

- Pillow lap quilt (quillow).
- Structured duffel bag, tote bag, or backpack.
- Sewn hat.

SEWING SKILLS:
Seam finishes are RECOMMENDED on all exposed seams (except knits). Interfacing, understitching, and trimming should be used when appropriate.

Choose at least three (3) of these additional skills for each sewn exhibit:

match fabric design	do a machine blind hem	gather fabric
apply machine topstitching	insert a zipper	sew with knit
use a drawstring	insert elastic	hand-stitch a hem
apply facings	sew a simple sleeve	sew buttons
apply purchased trim or ribbing	apply binding	use batting
sew patch or inseam pockets		use a simple lining

Level B: Grade 6
Attach Sewing Skills Card (4-H 926c-W) to the exhibit.
Wearable:
- Two (2) garments that can be worn together. Examples: Shirt and vest, pants and top, skirt and blouse.

Non-Wearable:
- Pillow sham with button or zipper closing; appliqued design, piping or ruffle. Make your own pillow form.
- Totebag with zipper or duffle bag with zipper, pockets and lining.
- Doll clothes or pet clothes.
- Construction techniques sample notebook (Following instructions printed in the project manual).

SEWING SKILLS:
Seam finishes are RECOMMENDED on all exposed seams (except knits). Interfacing, understitching, and trimming should be used when appropriate.

Choose at least four (4) of these additional skills for each sewn exhibit:

make darts	sew facing	set in sleeve
apply ribbings	insert a lapped zipper	sew a simple collar
hand-stitch a hem	do a machine blind hem	make buttonholes
match fabric design	sew tucks or pleats	use fiberfill
sew ruffles	apply machine applique	hand sew buttons
insert piping	apply trim	apply machine topstitching
sew a simple lining	construct with a serger	sew patch pockets
sew inseam pockets	apply binding	do a machine topstitched hem

Level C: Grade 7
Attach Sewing Skills Card (4-H 927c-W) to the exhibit.
Wearable:
- School or sports outfit. Can be one (1) or more pieces.

Non Wearable:
- Dressed, jointed (with sockets) stuffed animal.
- Sewn item for holiday or special occasion.
- Construction techniques sample notebook (Follow instructions printed in the project manual).

Choose at least five (5) of these additional skills for each sewn exhibit:

make darts	apply machine topstitching	set in sleeves
insert a lapped zipper	sew facing	insert an invisible zipper
apply ribbing	insert a separating zipper	apply a collar
insert a fly front zipper	sew on buttons	do machine quilting
use doll joints	do a machine topstitched hem	apply inseam pockets
attach cuffs	apply front hip pockets	apply cuffs
match fabric design	sew lining	apply trims
apply ruffles	apply machine or hand applique	insert piping
make buttonholes	construct a serger	with use fiberfill
apply patch pockets	do a machine blind hem	use a twin needle
apply machine embroidery	apply tucks/pleats	

Level C: Grades 8 & 9

Any quilting on any sewing projects (wearable or non-wearable) should be done by the 4-H'er, not professionally quilted. Attach Sewing Skills Card (4-H 928c-W) to the exhibit.

Wearable:

Wearable exhibits will be divided into six (6) categories: School wear, dress-up wear, separates, formal wear, suit or coat, and free choice. You may exhibit in all six (6) categories.

- Informal or Casual Wear: A complete outfit of one (1) or two (2) pieces suitable for school wear.

- Dress-up: This is suitable for special, church, or social occasions which are not considered to be formal. It may be an outfit of one (1) or more pieces with or without its own costume coat or jacket (lined or unlined). This is not an outfit which would be worn to school.

- Free Choice: These are garments which do not fit in the other classifications. Examples include: Tennis wear, swim wear or other active sportswear; lounge wear; riding habits; historic, dance, theatrical, or international costumes; and unlined coats.

- Suit or coat: The suit consists of two (2) pieces including a skirt or pants and its own lined jacket. It is not a dress with jacket as in "dress up wear." The coat is a separate lined coat. It will be judged separately as a coat with its own accessories.

- Separates: Consists of three (3) garments which must be worn as a coordinated complete outfit. Each piece should be versatile enough to be worn with other garments.

- Formal wear: This outfit may be one (1) or more pieces suitable for any formal occasion, such as proms, weddings, and formal evening functions.

Definition of Outfit: An outfit is a garment or garments that when put together make a complete look- such as one (1) or two (2) piece dress, or one (1) or two (2) piece pant suit, or a three (3) piece combination such as pants, vest and blouse or shirt.

Non-Wearable:

- Sewn items for your home: Be creative in your choices. Make items which reflect your level of sewing skill and are more difficult than those outlined in lower grade levels.
- Construction techniques sample notebook: See instructions in your manual.
- Sewing machine survey: See instructions in your manual.

SEWING SKILLS:

- Seam finishes are RECOMMENDED on all exposed seams (except knits and non-raveling specialty fabrics).
- Interfacing, understitching, and trimming should be used when appropriate.
- In addition, choose at least six (6) of these skills for each sewn exhibit:

make darts
make tucks
add lining
add facings
add plackets
add lapels
make sleeves
add gathers
apply trim
apply ribbing
add a drawstring
use shaped seams
use fiberfill
apply machine topstitching
insert an invisible zipper
insert a separating zipper
insert a fly front zipper
insert a lapped zipper
insert a hand picked zipper

add a waistband
add patch pockets
add front hip pockets
match fabric design
make shoulder pads
attach cuffs
make pleats
insert elastic
add boning
apply a collar
insert piping
make a neckband
add vents
do a machine topstitched hem
do a machine blind hem
do a hand-stitched hem
make self-covered buttons
use specialty threads

sew buttons
add underlining
add ruffles
sew with knit
make button loops
do hand beading
add inseam pockets
add welt pockets
use twin needle
create bound edges
do machine or hand quilting
apply machine or hand applique
sew with difficult fabric
construct with a serger
make machine buttonholes
make bound buttonholes
apply machine embroidery
make self-enclosed seams

Level D: Grades 10-12

Any quilting on any sewing projects (wearable or non-wearable) should be done by the 4-H'er, not professionally quilted. Attach Sewing Skills Card (4-H 928c-W) to the exhibit.

Wearable:

Wearable exhibits will be divided into six (6) categories: School wear, dress-up wear, separates, formal wear, suit or coat, and free choice. You may exhibit in all six (6) categories.

- Informal or Casual Wear: A complete outfit of one (1) or two (2) pieces suitable for school, weekend, or casual, informal activities.

- Dress-up: This is suitable for special, church, or social occasions which are not considered to be formal. It may be an outfit of one (1) or more pieces with or without its own costume coat or jacket (lined or unlined). This is not an outfit which would be worn to school, weekend, or casual, informal activities.

- Free Choice: A complete outfit comprised of garments that do not fit in the other classifications. Examples include: Tennis wear, swim wear, athletic or other active sportswear; lounge wear; riding habits; historic, dance, theatrical, or international costumes, capes, and unlined coats.

- Suit or coat: The suit consists of two (2) pieces including a skirt or pants and its own lined jacket. It is not a dress with jacket as in "dress up wear." The coat is a separate lined coat. It will be judged separately as a coat with its own accessories.

- Separates: Consists of three (3) garments which must be worn as a coordinated complete outfit. Each piece should be versatile enough to be worn with other garments.

- Formal wear: This outfit may be one (1) or more pieces suitable for any formal occasion, such as proms, weddings, and formal evening functions. Hosiery recommended.

Definition of Outfit: An outfit is a garment or garments that when put together make a complete look- such as one (1) or two (2) piece dress, or one (1) or two (2) piece pant suit, or a three (3) piece combination such as pants, vest and blouse or shirt.

Non-Wearable:

- Sewn items for your home: Be creative in your choices. Make items which reflect your level of sewing skill and are more difficult than those outlined in lower grade levels.
- Construction techniques sample notebook: See instructions in your manual.
- Sewing machine survey: See instructions in your manual.

SEWING SKILLS:

- Seam finishes are RECOMMENDED on all exposed seams (except knits and non-raveling specialty fabrics).
- Interfacing, understitching, and trimming should be used when appropriate.
- In addition, choose at least six (6) of these skills for each sewn exhibit:

make darts
make tucks
add lining
add facings
add plackets
add lapels
make sleeves
add gathers
apply trim
add underlining
add ruffles
sew with knit
make button loops
do hand beading
add inseam pockets
add welt pockets
do machine or hand
use twin needle
create bound edges
do machine or hand
apply machine topstitching
quilting

apply ribbing
add a drawstring
use shaped seams
use fiberfill and/or batting
add a waistband
add patch pockets
add front hip pockets
match fabric design
make shoulder pads
insert invisible zipper
insert separating zipper
insert fly front zipper
insert lapped zipper
insert hand-picked zipper
do machine topstitched
hem
do a machine blind hem
do a hand-stitched hem
make self-covered
buttons
use specialty threads

attach cuffs
make pleats
insert elastic
add boning
apply a collar
make a neckband
insert piping
add vents
sew buttons
make self-enclosed seam
sew with difficult fabric
construct with a serger
make machine buttonholes
make bound buttonholes
apply machine embroidery
hand/machine beading
coordination of fabric for
quilted item
make a reversible item
piece quilted item
apply machine or hand applique

4-H Fashion Revue

Private Judging Tuesday, July 7, 2020

Public Presentation Friday, July 17, 2020

FASHION REVUE
Annual public presentation of the members enrolled in SEWING projects Wearable categories who have competed in the County Fashion Revue Judging will participate in the Public Fashion Revue. Details of where to report will be given at a later date. The focus of Fashion Revue is on modeling, garment appearance and fit, and accessorizing.

Fashion Revue judging is tentatively scheduled for Tuesday, July 7, 2020. Placings will be announced at the Public Presentation tentatively scheduled for Friday, July 17, 2020.

Garments modeled in Fashion Revue must be judged in SEWING construction. EXCEPTION: Senior Fashion Revue participants may model in as many categories as they wish as long as they have made the garments and at least one (1) of the garments must be exhibited at the County Fair to be judged on construction. Eighth grade will be included in Senior fashion revue, however, state winner will have to be age 15 to participate at Nationals.

IN SENIOR FASHION REVUE, if a 4-H'er is declared Champion in one (1) category, the same 4-H'er cannot be chosen Champion in another.

Category Descriptions:

Grades 3-7 (Junior):

- Garments Sewn Following Grade Level Requirements For Wearable Exhibits.

Grades 8-12 (Senior):

- **Informal or Casual Wear:** A complete outfit of one (1) or two (2) pieces suitable for school, weekend, or casual, informal activities.
- **Dress-up:** This is suitable for special, church, or social occasions which are not considered to be formal. It may be an outfit of one or more pieces with or without its own costume coat or jacket (lined or unlined). This is not an outfit which would be worn to school, weekend, or casual, informal activities.
- **Free Choice:** A complete outfit comprised of garments that do not fit in the other classifications. Examples include: Tennis wear, swim wear, athletic or other active sportswear; lounge wear; riding habits; historic, dance, theatrical, or international costumes, capes, and unlined coats.
- **Suit or coat:** The suit consists of two (2) pieces including a skirt or pants and its own lined jacket. It is not a dress with jacket as in "dress up wear." The coat is a separate lined coat. It will be judged separately as a coat with its own accessories.
- **Separates:** Consists of three (3) garments which must be worn as a coordinated complete outfit. Each piece should be versatile enough to be worn with other garments.
- **Formal wear:** This outfit may be one (1) or more pieces suitable for any formal occasion, such as proms, weddings, and formal evening functions. Hosiery recommended.

Definition of an outfit

An outfit is a garment or garments that when put together make a complete look- such as one (1) or two (2) piece dress, or one (1) or two (2) piece pant suit, or a three (3) piece combination, such as pants, vest, and blouse or shirt.

State Fashion Revue: (SENIOR CATEGORIES ONLY)

Eligibility to represent the county at the State Fair Fashion Revue: 8th-12th grade will be included in Senior fashion revue, however, the state winner will have to be age 15 to participate at Nationals.

SHOOTING SPORTS

PROJECT SUPERINTENDENT:	Brandon Adomatis, 317-506-8867, badomatis@comcast.net Facebook page: Hamilton County 4-H Shooting Sports
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM, Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Three (3) entries, and one (1) Independent Study

Project Description:
Goals: To teach the safe use of firearms and bows on the shooting range, in the field and to instill home firearms responsibility. To develop the skills to properly handle and fire various types of firearms and archery gear. To promote self-concept, self-assurance and positive self-image.

The following disciplines shall be offered when a minimum of five (5) 4-H members have enrolled in a specific discipline and a certified instructor is available.

Hunter Education	Pistol
Archery	Rifle
Muzzleloading	Shotgun

Levels:
Grades 3-5
Grades 6-8
Grades 9-12

Project Guidelines:

- Any member, regardless of grade, is strongly encouraged to complete the I.D.N.R. Hunter Education Course from the Hamilton County 4-H Program and receive their certification. Attendance at each of the five (5) classes is required by the I.D.N.R. to receive their certification. Registration will be open ***30 days prior to the class start*** at www.inhea.com
- First year members may take Hunter's Education in addition to one (1) discipline.
- All parents are encouraged to attend the 4-H meetings with their 4-H child and to participate in the activities.
- The commands and instructions of the instructor must be followed immediately, "HORSE PLAY" WILL NOT BE TOLERATED. The instructor has the right to ask any member to leave or to remove any member from the firing line or meeting if the member's actions endanger any 4-H'er or any property or any other persons.
- Each member is strongly encouraged to participate in all of the discipline specified series of meetings before he/she will be allowed on the target range.
- 4-H members may only exhibit one (1) project at the Fair.
- Members are strongly encouraged to participate in all of the classes and take the test the first year they participate in a new discipline. A second year 4-H member taking two (2) disciplines should be able to attend classes for both disciplines or test out of the class in which they have already participated. Tests will be administered at the first listed workshop and the last workshop.
- Bring your completed record sheet to the Shooting Sports workshop for your leader's signature. Only Shooting Sports instructors can sign a child as being completed in this project. (Shooting Sports Record Sheets may be picked up at the Extension Office.)
- A ***$15.00*** project fee will be assessed per discipline ***up to two (2) disciplines due before your test may be taken. If you are in more than two (2) disciplines, the additional project fees are waived.***
- For Pistol Discipline: Participants in grades three to five (3-5) will be in Division 1 pistol, grades six to twelve (6-12) will be in Division 2. Participants in Division 1 will be allowed to participate in only classroom activities, which will include air ranges. Participants in Division 2 will be able to participate in classroom activities and range dates.
- ***An additional $6.00 per 25 clays will be assessed for shotgun range fees at the range.***

Exhibit Requirements:

For the safety of all fairgoers, do not include any of the following in your exhibit:

* firearm
* live ammunition
* usable ammunition
* bow
* arrow ***with nock***
* arrowhead

Projects involving firearms, bows, arrows, ammunition, may be exhibited as a photographic display on a poster or in a notebook following grade level guidelines. Handmade items must include information explaining how the project was made and its intended use.

IMPORTANT EXHIBIT NOTES:

- No firearms, **or ready to shoot** bows, arrows, or ammunition are allowed. **Unstrung bows are permissible**.
- **An Arrow with its arrowhead *or nock* attached must be displayed in a secure case. An arrowhead without the arrow attached must be displayed in a secure case. An arrow may be displayed unsecured if its arrowhead *and nock* is removed. Modern broadhead arrows are not allowed to be exhibited.**
- Projects involving firearms, bows, arrows, or ammunition may be exhibited as a photographic display on a poster or in a notebook following grade level guidelines.
- All posters must be 22" x 28", have a stiff backing, and be displayed horizontally. All posters will follow poster rules (Page 30, #15). **Title your exhibit with one (1) of the following: Archery, Outdoor Skills, Muzzleloading, Pistol, Rifle, Shotgun, or Shooting Sports.** You can use a subtitle, if you wish.
- All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.
- Posters should not show improper safety. ***Eye and ear protection must be worn in pictures on posters.***
- Notebooks must include detailed information about how the project was completed with photographs documenting the work. Photographs are encouraged as they help the judges see the progress and the finished product. The notebook must include research, planning, costs, and an explanation of how the final project will be used.
- Display boxes (shadow box) must be 24" x 18", no more than 3" deep, and displayed horizontally.
- Handmade items must include information explaining how the project was made and its intended use.

Grades 3-5
A 22" x 28" poster showing what you learned in the project.

Grades 6-8
Choose one (1) of the following options.

- A 22" x 28" poster showing what you learned in the project.
- Small project or model no larger than 18" x 18" x 36".
- Notebook, showing how a shooting sports item was made, or project completed.

Grades 9-12
Choose one (1) of the following options.

- A 22" x 28" poster showing what you learned in the project.
- Project or model (any size).
- Notebook, showing how a shooting sports item was made, or project completed.

Grades 9-12 Independent Study
Advanced topic- Learn all you can about an advanced shooting topic and present it on a poster and/or in a notebook. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster, "Advanced Shooting Sports – Independent Study".

Mentoring- exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Shooting Sports - Mentor".

SMALL ENGINES

PROJECT SUPERINTENDENT:	Jason Reynolds, 317-645-6655, reynoldsjwr@yahoo.com
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM, Open Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Three (3) exhibits

Levels:
Level 1 **Grades 3-5**
Level 2 **Grades 6-8**
Level 3 **Grades 9-12**

Suggested Fair Exhibit Guidelines:

Note:
* Read and complete three (3) county activities in the manual.
* Attend county workshop(s).
* Turn in your completed record sheets to finish the project.

Exhibit Requirements:

Poster Requirements: Poster size 22" x 28" (See poster rules, Page 30, #15). Mounted on stiff backing- plywood, peg board, or very stiff cardboard. Must be displayed horizontally and covered in plastic. 4-H Member identification card IE: name, club, county, and level. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Actual Engine Display: The actual small engine may be displayed. It must be mounted on a stable base no larger than 30" x 30". For safety reasons, all fluids (fuel and oil) must be removed. Note: It is strongly suggested that a notebook with details and pictures of what was done to the engine accompany the display.

Educational Display: No larger than ***36" x 36"*** and freestanding. Science fair display boards (3 sided) are acceptable. Display board may be three (3) dimensional. All items are to be securely fastened.

Exhibits for Level 1 (BU-7324), Crank It Up! Grades 3-5

Educational display: Any educational display related to what you have learned in this project. Some possibilities of exhibits might include:

- Picture poster showing what you have learned about small engines.
- Display of basic tools needed to maintain a small engine.
- An educational display related to what you have learned about two-cycle engines.
- An educational display related to what you have learned about four-stroke engines.
- An educational display showing proper maintenance and care of a lawn mower.
- An educational display of proper safety labels and procedures for small engines.
- Small engines parts display board with a brief explanation of the purpose of the parts and how they work.
- Display related to some system that you learned about in small engines (filters, cooling, ignition, etc.).

Exhibits for Level 2 (BU-7325), Warm It Up! Grades 6-8

Educational display: Any educational display related to what you have learned in this project. Some possibilities of exhibits might include:

- An educational display comparing the different types of engines.
- An educational poster illustrating and explaining the internal parts of an engine.
- An educational display showing how transmissions work.
- An educational display showing how to conduct a compression check.

- An educational display showing how to adjust a carburetor **according to owner's manual instructions and in accordance with EPA regulations.**
- A display using a real small engine with a brief explanation showing steps in preparing a small engine for storage.
- Carburetor parts display board with a brief explanation of the purpose of the parts and how they work together.
- An income and expense record of your lawn mowing business, including costs, hours worked, pay for individual jobs, etc.

Exhibits for Level 3 (BU-7326), Tune It Up! Grades 9-12

Educational display: Any educational display related to what you have learned in this project. Some possibilities of exhibits might include:

- An educational display showing how to use diagnostic tools on small engines.
- An educational display showing how to tear down and reassemble a small engine.
- An educational display related to the electrical system of a small engine.
- An educational display about emissions systems on small engines and future trends.
- An educational display showing **mower blade inspection and maintenance skills.**
- An educational display about careers in small engines.
- An educational display about your work in finding resources about small engines on the Internet.
- An educational about trouble-shooting common problems with small engines.
- An educational display about small engines designs.
- Any educational display related to what you have learned in this project.

SOIL AND WATER CONSERVATION

PROJECT SUPERINTENDENT:	Mark McCauley, 317-773-2181, mark.mccauley@hamiltoncounty.in.gov
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM, Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM and 5-7 PM
STATE FAIR ENTRIES:	Four (4) exhibits and one (1) Independent Study

Levels:
Level 1 **Grades 3-5**
Level 2 **Grades 6-8**
Level 3 **Grades 9-12**
Independent Study **Grades 9-12**

Project Guidelines:
Create an exhibit that shows the public what you learned in the soil and water conservation project this year. Poster exhibits must be displayed horizontally, sized 22" x 28", mounted on a firm backing (foam-core board or other), and covered in clear plastic or other transparent material. Be sure to include a label with your name, grade, and county. Choose one (1) of the topics listed below, appropriate for your grade in school, and create a poster based on what you learned from the activity. Use that topic for your exhibit title, so the judges know which activity you completed. You can also use a creative sub-title if you wish.

Exhibit Requirements:
Create and exhibit that shows the public what you learned in the soil and water science project this year. Poster exhibits must be displayed horizontally, sized 22" x 28" foam-core board or poster board mounted on a firm backing, and covered in clear plastic. Notebook exhibits must be displayed in a standard three ring binder. Choose one (1) of the options listed below, appropriate for your grade in school. Use and appropriate exhibit title. Be sure to include a label with your name, grade, 4-H club, and county in the lower right hand corner. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

LEVEL 1
Complete five (5) different activities from five (5) different units each year.
It will take you three (3) years to complete Level 1 and you'll use the same manual for all three (3) years. Protect it and use it carefully. Remember, some trees were used to make the book!

Grade 3-5

- A poster related to an activity from the Level 1 manual.
- A poster and/or notebook of a soil or water related science experiment appropriate for grades 3-5.

LEVEL 2
Complete five (5) different activities from five (5) different units each year.
It will take you three (3) years to complete Level 2 and you'll use the same manual for all three (3) years.

Grade 6-8

- A poster related to an activity from the Level 2 manual.
- A poster and/or notebook of a soil or water related science experiment appropriate for grades 6-8.

LEVEL 3
Complete at least three (3) different activities from three (3) different units each year.
It will take you four (4) years to complete Level 3 and you'll use the same manual for all four (4) years.

Grade 9-12

- A poster related to an activity from the Level 3 manual.
- A poster and/or notebook of a soil or water related science experiment appropriate for grades 9-12.
- Independent Study- Learn all you can about a soil and/or water topic, program, facility, etc. and present it on a poster or in a notebook. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster or notebook, "Advanced Soil and Water Science— Independent Study."
- Mentoring- Exhibit a poster or notebook that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Soil and Water Science—Mentor."

SPORTFISHING

PROJECT SUPERINTENDENT:	
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM, Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Three (3) posters and one (1) Independent Study exhibit

Project Requirements:
Each year, members are required to complete a minimum of six (6) activities. Choose one (1) of the topics listed below and create a poster based on what you learned from the activity used in that topic for your exhibit and title so the judge knows which activity you completed. Posters are displayed horizontally, 22" x 28", and mounted on a firm backing and covered in clear plastic or other transparent material. Be sure to include your exhibit label with your name, grade, and county. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Levels:

Level 1	**Grades 3-5**
Level 2	**Grades 6-8**
Level 3	**Grades 9-12**

Exhibit Requirements:

Level 1 (One (1) State Fair entry for Level1)

Exhibit a poster based on one (1) of the following activities:
(Manual BU-7598 Sportfishing 1)

- Let's Go Fishing! - Complete the Angling Self Assessment and practice landing a fish as described in Playing a Fish. Display your self assessment to show what you currently know about fishing then indicate what you hope to learn in this project. Draw or take photos of you "Playing a Fish".
- Pop Can Casting - Display a photo of you casting your pop can rig and your casting record. Optional- display a photo of you casting a regular fishing rig and your casting record with that rig.
- Hook, Line, and Sinker - Display at least two (2) of the rigs listed in Fishing Deeper, #1. You can use a drawing or a picture to show these rigs. Answer the questions (Casting Out, Working the Lure, Setting the Hook, and Landing the Fish) on your exhibit.
- Fishy Baits - Complete and display cards similar to those shown (natural baits, prepared bait, and artificial flies and lures). Answer the Casting Out questions on your exhibit.
- Which Fish is it? - Copy the pages in your manual and use the fish and the crossword puzzle. Identify the fish and make a display that shows the correct answers in the puzzle. (Optional– Enlarge the crossword puzzle)

Level 2 (One (1) State Fair entry for Level 2)

Exhibit a poster based on one (1) of the following activities:
(Manual BU-7599 Sportfishing 2)

- A Different Spin - Display a picture of you while casting and a completed Casting Record and Spinning Reel Parts diagram. Also, answer the Working the Lure and Setting the Hook questions. (You may copy the ones in your manual or make your own.)
- A Fine Kettle of Fish - Show a drawing or photograph of you cooking fish. Include your recipe and, if possible, pictures of you cleaning and/or cooking your fish.
- Clean up the Litterbug - Complete and display the chart shown on page 16 of the manual. Draw or take a photo of the fishing place that you cleaned up (before and after).
- The Woolly Bugger - Take pictures or make drawings to show how a wooly bugger is made. Answer the Casting Out and Working the Lure questions.
- A Fish by Design - Draw, take pictures, or find pictures on the Internet or in magazines to show (and identify) different mouth/feeding fish, body shapes, and fish with different coloration. Briefly explain (three to five (3-5) sentences or bullet points) why fish have different mouths, body shapes, and coloration.

Level 3 (One (1) State Fair entry for Level 3)

Exhibit a poster based on one (1) of the following activities:
(Manual BU-7600 Sportfishing 3)

- A Reel Mess - Draw, take photos, or copy the reels shown in Cleaning a Reel. Label the reels, the parts of each reel, and where you might use it. Show how you cleaned a reel using pictures or drawings.
- Designing a Skillathon Station - Make two (2) skillathon stations (You may use the suggestions on page 9 of the manual or another fishing topic of your choice). List the topic, realistic situation, task, and materials needed. Take photographs of younger 4-H members using your stations.
- Beads, Dog Hair, and Feathers - Collect materials and tie a fly. You can display your fly or a picture of the fly. Also, list and draw or take pictures of the seven (7) materials in the matching game and indicate their potential use.
- Collecting Aquatic Insects - Complete and display the chart on page 18 of the manual (you may copy the chart in your book or make your own). Draw or take pictures of your kick net and your sampling procedures. Answer the questions in Casting Out and Working the Lure.
- Cast Into the Future - Complete the Career Investigation Record after talking with someone currently working in an area related to fish or fishing. Include a picture of the person you interviewed and answer the questions in Casting out, Working the Lure, Setting the Hook, and Landing the Fish.
- Keep a Field Journal - Reproduce or copy three to five (3-5) Field Journal entries on your display. Include photographs that show where you had the fishing experience, if possible.
- Playing Know Your Fish - Use the fish and information blocks to make a "flap" quiz for fairgoers. Have the information showing and the correct fish under the flap, so they can see the correct answer(s) when they lift the flap. Choose five (5) of the ten (10) fish and show them on the poster above the information so fairgoers know what species they have to pick from. Be sure to list multiple species if the information you provide applies to more than one (1) of the species you choose.

Level Independent Study (Grades 9-12) (One (1) State Fair entry for Independent Study)

Advanced Topic- Learn all you can about a sportfishing topic of your choice and present it on a poster. Include a short manuscript, pictures, graphs, and list the references you used to describe what you did and what you learned. Title your poster, "Advanced Sportfishing - Independent Study".

Mentoring- Exhibit a poster that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in life. Photographs and other documentation are encouraged. Title your poster, "Advanced Sportfishing - Mentor".

STRAWBERRY

PROJECT SUPERINTENDENT:		Elizabeth Morse, 317-469-6505, bizbmorse@icloud.com
EXHIBIT CHECK-IN:	***Poster***	***Sunday, July 12, 4-6 PM***
		Wednesday, July 15, 8-9:30 AM
JUDGING:		Wednesday, July 15, 9:30 AM, Open Judging
RELEASE:		Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:		No entries, County projects only

Project Description:
4-H'er is responsible for the planting, care, and maintenance of their own strawberry patch. Berries exhibited in Intermediate and Advanced levels must come from your own plants. Plants exhibited must be from your own plot.

Levels:

Beginner	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Champions will be awarded in Beginner, Intermediate, and Advanced Strawberry. An overall Grand Champion Strawberry will be awarded.

Exhibit Requirements:

Beginner Grades 3-5

* Complete Record Sheet
* Exhibit at the Fair:
  -A poster, 22" x 28" showing pictures of you working in your strawberry patch. Be sure to label pictures, tell a story for the judge. (Planting, weeding, picking….) See poster rules, Page 30, #15. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

and/or
  -One (1) strawberry plant that you have transplanted into a container, include plant and several runners. Identify variety.

Intermediate Grades 6-8

* Complete Record Sheet
* Exhibit at the Fair:
  -1 quart frozen berries with "calyx" or cap and about ½" stem must be on the berries shown. Identify plant variety.

and/or
  -1 quart fresh berries with "calyx" or cap and about ½" of the stem. Identify plant variety.

and/or
  -A fruiting strawberry plant in a container. Identify plant variety.

Advanced Grades 9-12

* Complete Record Sheet
* Exhibit at the Fair:
  -1 quart frozen berries with "calyx" or cap and about ½" of stem must be on berries shown. Identify plant variety.
and/or
  -1 quart fresh berries with "calyx" or cap and about 1/2" of the stem. Identify plant variety.
and/or
  -A fruiting strawberry plant in a container. Identify plant variety.
and/or
  -Poster (See poster rules, Page 30, #15) showing common strawberry pests, either diseases or insects, explain symptoms, and control option.

TRACTOR MAINTENANCE

PROJECT SUPERINTENDENT:		Jason Reynolds, 317-645-6655, reynoldsjwr@yahoo.com
EXHIBIT CHECK-IN:	Poster	Sunday, July 12, 4-6 PM
	AG Tractor Driving	Thursday, July 16, ***12:30 PM***
	Lawn & Garden Driving	Sunday, July 19, 1 PM
JUDGING:	Poster	Monday, July 13, 8:30 AM, Closed Judging
	AG Tractor Driving	Thursday, July 16, 1 PM
	Lawn & Garden Driving	Sunday, July 19, Immediately following check-in
RELEASE:	Poster	Tuesday, July 21, 9-11 AM and 5-7 PM
STATE FAIR ENTRIES:		Four (4) posters/notebooks/display board exhibits

Project Description:
The 4-H Tractor program provides members an opportunity to "learn by doing". Members will learn that better tractor care results in longer tractor life, more power, and lower operating costs. While members are learning how to care for their tractors they will also learn how to be a safe operator. This project will help participants form good safety habits so they can think and act safely at all times.

Levels:
Junior **Grades 3-7**
Senior **Grades 8-12**

Project Guidelines:
Attend the county project meetings.

Exhibit Requirements:

LAWN & GARDEN TRACTOR

All Levels

- Drive in the driving contest during the County 4-H Fair**.** Junior and Senior contestants will be scored on tractor operation, driving skill, parts identification, safety on an obstacle course, and a written examination. There is a time limit to drive the obstacle course. Rules for the contest are outlined in 4-H 84 publication "Conducting 4-H Petroleum Power Operator's Contest" and the State Fair handbook.

OR

- Choose one (1) of the following to exhibit at the fair. Subject matter content for the exhibit must correspond to the subject matter content found in your manual or in manuals from previous years. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.
  - ◊ Poster- See poster rules, Page 30, #15.
  - ◊ Notebook report.
  - ◊ Display board- differs from a poster in that real objects are normally used rather than drawings or pictures. Three-dimensional items are attached to the board. The board can be no larger than 30" x 30". Science fair display boards (3 sided) are acceptable. A one (1) page education report must be included with the board explaining what you learned from the project.

Note: Winners of the county tractor driving contest are eligible to participate in the Area tractor driving contest. Non-driving champion exhibits will be selected to exhibit at state fair.

FARM TRACTOR

All Divisions- Requirements

- Drive in the driving contest during the County 4-H Fair**.** Junior and Senior contestants will be scored on tractor operation, driving skill, parts identification, safety on an obstacle course, and a written examination. There is a time limit to drive the obstacle course. Rules for the contest are outlined in 4-H 84 publication "Conducting 4-H Petroleum Power Operator's Contest" and the State Fair handbook.

OR

- Choose one (1) of the following to exhibit at the fair. Subject matter content for the exhibit must correspond to the subject matter content found in your manual or in manuals from previous years.
  - ◊ Poster- See poster rules, Page 30, #15.
  - ◊ Notebook report.
  - ◊ Display board- differs from a poster in that real objects are normally used rather than drawings or pictures. Three-dimensional items are attached to the board. The board can be no larger than 30" x 30". Science fair display boards (3 sided) are acceptable. A one (1) page education report must be included with the board explaining what you learned from the project.

Note: Winners of the county tractor driving contest are eligible to participate in the Area tractor driving contest. Non-driving champion exhibits will be selected to exhibit at state fair.

TRAVELOGUE

PROJECT SUPERINTENDENT:	
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM, Open Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	No entries, County project only

Project Description: Travelogue is designed to help you learn to plan and record a trip.

Levels:

Beginning	**Grades 3-5**
Intermediate	**Grades 6-8**
Advanced	**Grades 9-12**

Project Guidelines:
The Travelogue exhibit for each grade level will consist of a notebook or scrapbook with the listed items. Judging will be based on neatness, completeness, and creativity. Most of all, make it your notebook, filled with memories from your trip. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Exhibit Requirements:

Grades 3-5
Individual packing list
Personal budget
Map of route
Journal or story
Pictures or other mementos, all with captions or labels
Personal expenses compared to budget
Record sheet

Grades 6-8
Individual packing list
Family or group budget
Itinerary
Map of route
Journal or story
Pictures or other mementos, all with captions or labels
Family or group expenses compared to budget
Record sheet
Group project budget cost comparison

Grades 9-12
Family or group packing list
Family or group budget, including cost comparison of different modes of transportation or lodging
Itinerary
Map of route
Checklist to get ready to go, such as holding mail and if driving, car checklist
Journal or story
Pictures or other mementos, all with captions or labels
Family or group expenses
Record sheet
Group project budget cost comparison

VETERINARY SCIENCE

PROJECT SUPERINTENDENT:	Kyle Schmidt, 317-645-6275, schmid91@purdue.edu
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM, Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Levels 1 & 2, two (2) posters; Level 3, one (1) exhibit

Project Description:
Veterinary Science is the branch of medicine that deals with the treatment and prevention of animal disease. The primary goal of the Veterinary Science project is to acquaint 4-H members with the characteristics and care of healthy animals and to familiarize members with the causes and prevention of animal diseases.

Level 1: BU 8048 Veterinary Science 1 (Grades 3-5)
Level 2: BU 8049 Veterinary Science 2 (Grades 6-8)
Level 3: BU 8050 Veterinary Science 3 (Grades 9-12)

Exhibit Requirements:

1. Complete three (3) activities in your manual. (The Vet Science manual says to complete seven (7) activities; please disregard).
2. Attend county workshops, when available.
3. Turn in your completed record sheets to your club leader to sign.
4. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Grades 3-5

- Exhibit: 22” x 28” poster related to Chapters 1, 2, or 3.

Grades 6-8

- Exhibit: 22” x 28” poster, display, or quiz board related to Chapters 1,2, or 3. Display or Quiz board should be no larger than 36” x 36” x 36”.

Grades 9-12

- Exhibit: Develop and assemble a teaching aid. Display Teaching Aid and two (2) page typed report.

  OR

- Develop a project in conjunction with a veterinarian. Display the project with a report of the results, recommendations, findings, and conclusions.

  OR

- Write a one (1) page outline of a workshop or demonstration you presented.

WEATHER

PROJECT SUPERINTENDENT:	
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM. Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Four (4) exhibits and one (1) Independent Study exhibit

Project Description:
The purpose of the 4-H Weather project is to provide participants the ability to observe the weather, keep records of the changes in weather, utilize simple home-made and inexpensive instruments for observation, perform experiments to gain insight of weather occurrences, and to ultimately understand and appreciate the relationships of weather.

Levels:
Level 1 **Grades 3-5**
Level 2 **Grades 6-8**
Level 3 **Grades 9-12**

Exhibit Requirements:
Complete two (2) activities out of the project manual each year. All posters must follow poster rules, Page 30, #15.
All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Create an exhibit that shows the public what you learned in the weather project this year. Poster exhibits must be displayed horizontally, sized 22" x 28" foam-core board or poster board mounted on a firm backing, and covered in clear plastic. Notebook exhibits must be displayed in a standard three-ring binder. Choose one (1) of the options listed below, appropriate for your grade in school. Use an appropriate exhibit title. Be sure to include a label with your name, grade, 4-H club, and county in the lower right hand corner.

Level 1 Grades 3-5
- A poster related to an activity from the Level 1 manual.
- A poster and/or notebook of a weather or climate related science experiment appropriate for grades 3-5.

Level 2 Grades 6-8
- A poster related to an activity from the Level 2 manual.
- A poster and/or notebook of a weather or climate related science experiment appropriate for grades 6-8.

Level 3 Grades 9-12
- A poster related to an activity from the Level 3 manual.
- A poster and/or notebook of a weather or climate related science experiment appropriate for grades 9-12.
- Independent Study- Learn all you can about a weather and/or climate topic, program, facility, project, etc. and present it on a poster or in a notebook. Include a short manuscript, pictures, graphs, and list the works cited to be describe what you did and what you learned. Title your poster or notebook, "Advanced Weather and Climate Science—Independent Study".
- Mentoring- Exhibit a poster or notebook that shows how you have mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Weather and Climate Science—Mentor".

WILDFLOWERS

PROJECT SUPERINTENDENT:	Kathryn Mascaro, 317-849-2521, kdmascar@comcast.net
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM, Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	No entries, County project only

Project Description:
Youth will collect, observe, and identify wildflowers common to the U.S.A. They will learn about habitat, gardening with wildflowers, exotic invasives, edible wild plants, and making dyes with wild plants.

Levels:

Grades 3-6

1. Identify the number of native wildflowers that equals your grade level - three (3) for 3rd grade, four (4) for 4th grade, five (5) for 5th grade, six (6) for 6th grade.
2. Complete a Wildflower Identification Sheet for each wildflower you identified.
3. Define vocabulary words: three (3) for 3rd grade, four (4) for 4th grade, five (5) for 5th grade, six (6) for 6th grade.
4. Grow one (1) Indiana wildflower from seed.
5. Complete the propagation record sheet.
6. Keep a wildflower journal with as many entries as your grade level and include one (1) Pourquoi story.
7. Complete the 4-H Wildflower Project Record Sheet.
8. Display exhibit in a 3-ring notebook. See manual for specific requirements.

Grades 7-9

1. Identify the number of native wildflowers that equals your grade level—seven (7) for 7th grade, eight (8) for 8th grade, nine (9) for 9th grade.
2. Complete a Wildflower Identification Sheet for each wildflower you identified.
3. Define vocabulary words: seven (7) for 7th grade, eight (8) for 8th grade, nine (9) for 9th grade.
4. Grow two (2) Indiana wildflowers from seed.
5. Complete two (2) propagation record sheets, one (1) for each wildflower grown.
6. (7th grade only) Complete the “Compare & Contrast” worksheet.
7. (8th grade only) Complete the “Threatened & Endangered Species” worksheet.
8. (9th grade only) Complete “Indiana Native Vines” worksheet.
9. Keep a wildflower journal with as many entries as your grade level.
10. Perform a community service project. Complete the community service record sheet.
11. Complete the 4-H Wildflower Project Record Sheet.
12. Display exhibit in a 3-ring notebook. See manual for specific requirements.

Grades 10-12

1. Identify the number of native wildflowers that equals your grade level - ten (10) for 10th grade, eleven (11) for 11th grade, twelve (12) for 12th grade.
2. Complete a Wildflower Identification Sheet for each wildflower you identified.
3. Define vocabulary words: ten (10) for 10th grade, eleven (11) for 11th grade, twelve (12) for 12th grade.
4. Grow three (3) Indiana wildflowers from seed.
5. Complete three (3) propagation record sheets, one (1) for each wildflower grown.
6. (10th grade only) Photograph, or draw, three (3) Indiana invasive flowers, or plants, and complete an identification sheet for each plant.
7. (11th grade only) Photograph, or draw, three (3) Indiana naturalized plants and complete an identification sheet for each plant.
8. (12th grade only) Make a landscape design and make a list of the plants you used.
9. Grow three (3) wildflowers from seed.
10. Complete a propagation record sheet for each wildflower grown.
11. (11th and 12th grades only) Fill in over-winter section of propagation records (#10).
12. Keep a journal with as many entries as your grade level.
13. Perform a community service project. Complete the community service record sheet.
14. Complete the 4-H Wildflower Project Record Sheet.
15. Display exhibit in a 3-ring notebook. See manual for specific requirements.
16. (12th grade only) Display your landscape design on poster board (22” x 28” displayed horizontally) next to your exhibit notebook.

WILDLIFE

PROJECT SUPERINTENDENT:	Holly Faust, 317-771-0420, holly.faust@hamiltoncounty.in.gov
EXHIBIT CHECK-IN:	Sunday, July 12, 4-6 PM
JUDGING:	Monday, July 13, 8:30 AM, Closed Judging
RELEASE:	Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:	Three (3) Poster/Notebook exhibits and one (1) Independent Study exhibit

Project Description:
Studying and learning about wildlife is fun for people of all ages. Wildlife exists all around us, regardless of where you live. The 4-H Wildlife project was developed for youth who enjoy wildlife and want to learn more about Indiana wildlife. The first manual introduces some important general wildlife concepts while the higher levels delve into more detail, including species interactions and wildlife management.

Levels:

Level 1	**Grades 3-5**
Level 2	**Grades 6-8**
Level 3	**Grades 9-12**

Project Guidelines:

Youth must choose two (2) different activities each year to complete.

Exhibit Requirements:

All posters must follow the poster rules, Page 30, #15. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Level 1 (Grades 3-5)

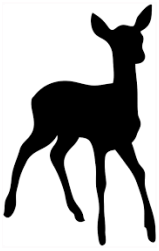
- A poster related to an activity from the Level 1 manual. Manual is available at the Extension Office.
- A poster and/or notebook of a wildlife related science experiment appropriate for grades 3-5.

Level 2 (Grades 6-8)

- A poster related to an activity from the Level 2 manual. Manual can only be ordered to download at https://edustore.purdue.edu.
- A poster and/or notebook of a wildlife related science experiment appropriate for grades 6-8. Manual can only be ordered to download at https://edustore.purdue.edu.

Level 3 (Grades 9-12)

- A poster related to an activity from the Level 3 manual.
- A poster and/or notebook of a wildlife related science experiment appropriate for grades 9-12.
- Independent Study- Learn all you can about a wildlife topic, program, facility, project, etc. and present it on a poster or in a notebook. Take care to follow all state and federal guidelines when working with wildlife, with particular care when raising game birds, migratory birds, and endangered species. See the Indiana 4-H Wildlife project website, www.ydae.purdue.edu/natural_resources/4-H,NR,Projects/Projects/wildlife/, for more information. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster or notebook, “Advanced Wildlife - Independent Study”.
- Mentoring- Exhibit a poster or notebook that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, “Advanced Wildlife - Mentor”.



WOODWORKING

PROJECT SUPERINTENDENT:		Ben Davis, 317-250-8522, ben@bbgconstruction.com
EXHIBIT CHECK-IN:		Sunday, July 12, 4-6 PM
JUDGING:	Level 1 & 2	Tuesday, July 14, 8:30 AM, Open Judging
	Level 3 & 4	Tuesday, July 14, 1 PM, Open Judging
RELEASE:		Tuesday, July 21, 9-11 AM, and 5-7 PM
STATE FAIR ENTRIES:		Four (4) exhibits

Project Description:
The 4-H Woodworking project is designed to teach members about the different types of woods and their specific characteristics, practicing proper safety precautions, learning and using different types of equipment and tools, as well as putting together the end product for exhibition.

There will be a Grand Champion and Reserve Grand Champion for Levels 1 & 2 and Levels 3 & 4.

Levels:

Level 1	**Grades 3-4**
Level 2	**Grades 5-6**
Level 3	**Grades 7-9**
Level 4	**Grades 10-12**

Project Guidelines:
Each year complete five (5) activities in your project manual and the record sheet.

Exhibit Requirements:

NOTE: See poster rules, Page 30, #15. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Level 1 Grades 3-4
Exhibit Options (Select one (1) of the following):

- Exhibit one (1) article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart 4-H 6875C-W. Exhibits may also include higher level techniques that have been mastered. Any higher level techniques will not be counted as part of the minimum five (5), but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.
- Poster may be on any topic covered in this manual.

Level 2 Grades 5-6
Exhibit Options (Select one (1) of the following):

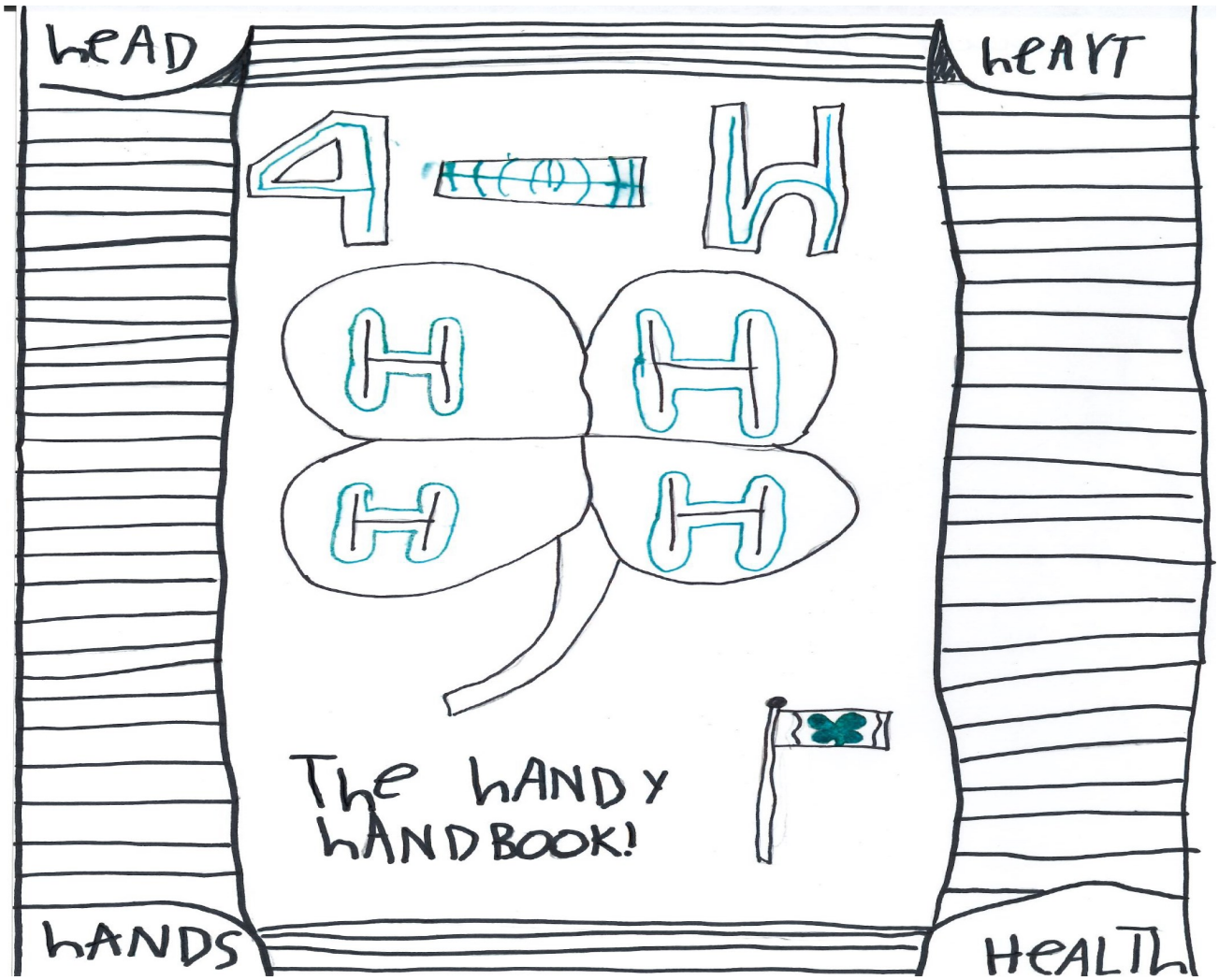
- Exhibit one (1) article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower and/or higher level techniques that have been mastered. Any lower/higher level techniques will not be counted as part of the minimum five (5), but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.
- Poster may be on any topic covered in this manual.

Level 3 Grades 7-9
Exhibit Options (Select one (1) of the following):

- Exhibit one (1) article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower and/or higher level techniques that have been mastered. Any lower/higher level techniques will not be counted as part of the minimum five (5), but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.
- Poster may be on any topic covered in this manual.

Level 4 Grades 10-12
Exhibit Options (Select one (1) of the following):

- Exhibit one (1) article of choice made during the current 4-H program year demonstrating a minimum of five (5) techniques outlined in the Indiana 4-H Woodworking Tools, Techniques and Skills Chart, 4-H 6875C-W. Exhibits may also include lower level techniques that have been mastered. Any lower level techniques will not be counted as part of the minimum five (5), but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.
- Poster may be on any topic covered in this manual.



Illustrated by: Samuel Whitlock

Exploring Mini 4-H

Protected Under
18 U.S.C. 707

2020

www.extension.purdue.edu/hamilton

HAMILTON COUNTY MINI 4-H PROGRAM

PROJECT SUPERINTENDENTS:	
	Mini Arts & Crafts, Bugs, Collections, Foods, Sewing, Space & Trees
	Erin Allen, 317-727-8343 (call/text)
	Mini Clogging
	Amanda Morrow, 317-341-2679, themorrows9799@att.net
	Mini Horse & Pony
	Heather Lawson, 317-450-9472, heather@arcadiachristian.com
	Mini Llama
	Amy Underhill, 317-496-4108, denali8@att.net
EXHIBIT CHECK-IN:	Wednesday, July 15, 5-6:30 PM
JUDGING:	Wednesday, July 15, 6:30-8 PM, Closed judging
RELEASE:	Tuesday, July 21, 9-11 AM and 5-7 PM
STATE FAIR ENTRIES:	No entries

Mini 4-H Program Description
The Mini 4-H program is geared towards activity based learning. Curriculum is based on the age appropriate research and involves cooperative, experimental, and noncompetitive activities. Mini 4-H'ers have the opportunity to attend club meetings. Hamilton County Mini 4-H program is for children enrolled in Kindergarten, First, and Second grades as of January 15 of the current year.

Project Guidelines:
Due to limited space at the Hamilton County 4-H Fair, you may exhibit only two (2) projects. Poster exhibits must follow the poster rules on Page 30, #15, must be 22" x 28" and be displayed horizontally. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

ARTS AND CRAFTS
Learn how to do one (1) of the different crafts.

- All Grades: Exhibit is one (1) simple craft.

BUGS
Learn about what makes a bug a bug. Choose one (1) of the following exhibits:

- Make a poster of an insect or spider. Label the body parts.
- Draw a picture of a butterfly. Be sure to make the designs on the wings symmetrical.
- Make a poster or a book showing some of the ways bugs protect themselves.
- Make a project activity as a group and take it to the fair to show the kinds of things your group has been doing.
- Make a scrapbook of pictures showing your group having fun while making the project activities in this manual.
- Make a poster showing several kinds of bugs on one half and several kids of spiders on the other half. You may want to draw the pictures or you may want to cut them from magazines.
- Make several kinds of bugs. Use them to make a mobile of moving creepy crawlies.
- Use a shoebox to encourage children to create a diorama for their bug. Use things from nature to make it realistic.

CLOGGING (Mini Cloggers will meet separately from traditional 4-H Clogging.)
Learn how to clog by joining the 4-H Clogging Club.

- All Grades: Exhibit will be to clog at the 4-H Fair.

COLLECTIONS
Learn about collecting like items and how to display them. Choose one (1) of the following exhibits:

- Collect and exhibit five (5) items or five (5) pairs of items.
- Go to a museum and look around at the collection of artifacts. Draw a picture of the collection you liked best.
- Talk to family and friends. Ask them what they like to collect and why they like to collect it. Then make a chart to show your information.
- Make a project activity as a group.
- Make a scrapbook of pictures about collections.

FOODS
Learn basic kitchen rules and how to prepare simple foods you and your family will enjoy. Choose one (1) of the following exhibits:

- Exhibit three (3) no-bake cookies.
- Exhibit three (3) breakfast treats, such as cereal bars or muffins.
- Exhibit a snack bag of party/trail mix.
- Make an exhibit (poster, scrapbook of pictures, etc.) about Foods project, such as MyPlate.

HORSE AND PONY (Mini 4-H Horse and Pony meets separately from the Mini 4-H Club meetings.)
Learn about horses and ponies.

- Make an exhibit (poster, etc.) on something you learned in Horse & Pony.

LLAMA AND ALPACA (Mini 4-H Llama and Alpaca meets separately from Mini 4-H Club meetings.)
Learn about llamas and alpacas.

- ***Make an exhibit (poster, scrapbook, diorama, or fiber craft) choosing any topic from the project manual or any other llama/alpaca subject that you would like.***

SEWING (Before You Sew)
Learn about sewing concepts and practice important sewing skills. Choose one (1) of the following exhibits:

- Make a project activity as a group and take it to the Fair to show the kinds of things your group has been doing.
- Make a scrapbook of pictures showing your group having fun while making the project activities in this manual.
- Make a group quilt by lacing several sets of the quilt square initials together.
- Make one (1) of the project activities in this guide.
  - Fringe a Scarf
  - Quilt Square Initials
  - Tic-Tac-Toe Weaving
  - Stitch the Mouse
  - Straight-Line Patterns
  - Connect-a-Pattern
  - Flight Pattern

SPACE
Learn what it would be like to be an astronaut in space! Choose one (1) of the following exhibits:

- Make a poster or a group mural of space. Be sure to include some constellations.
- Design and make your own rocket using materials around your house like paper towel tubes and construction paper.
- Make a poster or a book showing some things you have discovered about astronauts.
- Make a project activity as a group and take it to the fair to show the kinds of things your group has been doing.
- Make a scrapbook of pictures showing your group having fun while making the project activities in this manual.
- Make the star constellation of your choice using two (2) different techniques from this manual or make up your own method.
- Write a short poem about what you think it would be like to explore space. Design a space cover for your poem.

TREES
Learn about the parts of trees and what they do. Choose one (1) of the following exhibits:

- Make a project activity as a group.
- Make a scrapbook of pictures about trees.
- Draw a picture of the ways your favorite tree looks in each of the four seasons.
- Make a collage of pictures cut from magazines. Show as many different kinds of trees as you can find. See if you can find at least one (1) picture of a tree with an unusual shape.
- Take a walk in a local park. Make a tree shaped poster and glue all tree related things you found onto the poster.
- Make a leaf rubbings book using five (5) leaves you find that you think are interesting.

Animal Project Requirements

Protected Under
18 U.S.C. 707

2020

www.extension.purdue.edu/hamilton

GENERAL LIVESTOCK RULES

1. ALL MEMBERS MUST ENTER AND SHOW THEIR OWN ANIMALS. Exception: If the member has more than one (1) animal in a class, then one (1) of the animals for that class may be shown by another Hamilton County 4-H member. All showmen must be Hamilton County 4-H Members. 4-H'er must get permission from Barn Superintendent to have another Hamilton County 4-H'er show their additional animal.
2. All exhibits must remain in place until officially released which will be on **JULY 21** from 9:00-11:00 a.m. and 5:00-7:00 p.m. This does NOT include non-sale livestock which are released from 7:00 a.m.-12:00 p.m. on **JULY 21.** Cats, dogs, and pocket pets are released after judging.
3. EARLY RELEASE PENALTY- A 4-H'er who chooses to take their 4-H animals home prior to the fair animal release time, will incur the following penalty: 4-H'er will not be allowed to participate in the 4-H livestock auction of the current fair and will not be allowed to exhibit in the project at the next year's fair but will be allowed to complete the project the next year. Exception is Waterfowl- all will be released (except Grand and Reserve Grand Champion) immediately following judging.
4. Records must be complete to be eligible for State Fair entry or to be eligible for Champion selection. Prior to judging, 4-H leaders will notify the Extension Office of incomplete records from their club **(by Tuesday, JULY 7, 2020)**. Also those exhibiting livestock with incomplete records in addition to the above will be ineligible to participate in the livestock auction.
5. All unauthorized personnel will vacate premises from midnight to 5 a.m.
6. Any exhibitor using excessive abuse on his exhibit animals will be eliminated from the show. The direct application of ice, ice water, alcohol, Freon, or any other refrigerant to the hide of any animal is strictly prohibited. This deceptive, fraudulent practice will cause the exhibitor and their animal(s) to be disqualified immediately.
7. No animal is to be in designated vehicle parking areas or out past the horse barn, north, east or south side of arena, food court, swine barn, llama barn, horse barn/arena or crops tent, with exception during cattle tie out walking time.
8. No exhibit will be released before the published release dates and times.
9. No article can be shown with a for sale sign.
10. Livestock Rule: This rule will apply to all Beef, Dairy, Goats, Poultry, Rabbits, Sheep, and Swine exhibitors. No 4-H animal exhibit may be maintained at a professional fitters facility. A pre-approved committee of Hamilton County volunteers will be available during the Fair for each specie for those 4-H members wanting to learn, needing advice and/or assistance in preparing their animal for exhibit. **Contact the species superintendent for assistance.**
11. Recommended proper attire for 4-H livestock exhibitors to wear when exhibiting livestock in the show ring: Livestock exhibitors are strongly urged to dress in a manner appropriate to show livestock. Examples of such appropriate dress would include button down shirts, golf shirts with collar, jeans or long pants, and, if possible work boots or work shoes to protect feet. It is suggested exhibitors not wear tank tops, T-shirts (other than those approved by the club), midriffs, halter tops, baggy pants, tops with spaghetti straps, shorts, cut offs, sandals or tennis shoes. The judge may use these guidelines as a criteria for final placings.
12. No clothing may be worn by an exhibitor that identifies farm name and/or breed during judged competition.
13. 4-H Livestock exhibitors who wish to sell an animal in the 4-H Auction must lead and or hold the animal being sold in the auction ring.
14. The 4-H livestock auction is a SLAUGHTER ONLY sale. This means that 4-H'ers are NOT ALLOWED TO TAKE HOME THEIR SALE ANIMALS AFTER THE FAIR! See the current Hamilton County 4-H Fairbook for a complete set of auction rules.
15. Any one (1) animal may not be enrolled by more than one (1) 4-H member, except for brothers and sisters. Llamas are exempt from this rule to show at the Hamilton County 4-H Fair.
16. Each 4-H member must continuously own his/her own exhibit from the state enrollment date until show day at the county and/or State Fair.
17. ***4-H animals exhibited after the animal enrollment deadline (April 1 for steers and commercial heifers May 15 for all other animals) at any show by anyone other than the person whose 4-H enrollment record is connected to the ID of the animal on the Indiana 4-H Online enrollment will not be eligible to be shown in the 4-H show at the County Fair or Indiana State Fair.*** This term/condition does not apply to siblings and parents, who may show each other's animals at any show during the year without jeopardizing ***county or*** state fair eligibility. This policy applies to all 4-H animal projects. For animal projects without ***an ID deadline,*** the person who enters them in the Indiana State Fair 4-H show is the equivalent of the ***owner*** of the animals.

18. No pets or livestock are allowed on the 4-H grounds unless being shown with the exception of practice times and nursing animals.
19. If an unborn offspring is to be exhibited at the fair, the pregnant mother must be enrolled using in.4honline.com by May 15th.
20. All animals exhibited at the 4-H Fair must meet Board of Animal Health (BOAH) requirement.
21. Acceptable 4-H livestock registration certificates; a.) in a members name, b.) John Smith and Sons, c.) John Smith, Sons and Daughters, d.) John Smith and Family (family includes sons, daughters, and legal guardian youth only), e.) Mark Smith (brother) and Mary Smith (sister), f.) Family corporations, where the 4-H members' name appears as a holder of stock in the corporation, and proof of same must be supplied on or before the enrollment date, g.) Family partnership where the 4-H members father, mother, brother, sister aunt, uncle, grandparent, and/or legal guardian is also in the family partnership and the 4-H member's name appears on the legal, notarized partnership. A copy of the written document must be in file with the Extension Office before the ID deadline.
22. To exhibit at the county and state fair 4-H members showing beef cattle, dairy cattle, dairy goats, meat goats, poultry, rabbits, sheep and swine, must be certified through the Youth for the Quality Care of Animals (YQCA). The purpose of this program: Youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; Animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply. This is an annual program that can be completed via online modules or in-person trainings. More information about this program will be provided from the Extension Office.

Royal Showmanship
Monday, July 20, 2020
3:00 p.m.

Supreme Showmanship
Monday, July 20, 2020
7:00 p.m.

Illustrated by: Molly McGrath

BEEF CATTLE
(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:		Kayla Tobias, 317-379-2853, Kmwaittfarms@aol.com
EXHIBIT CHECK-IN:		Wednesday, July 15, 2-8 PM
JUDGING:	4-H Beef Grooming	Friday, July 17, 8:30 AM, Open Judging
	4-H Beef Show	Monday, July 20, 9 AM, Open Judging
RELEASE TIME:	Tuesday, July 21, 7AM-Noon	All Non-Auction livestock released
AUCTION:		Tuesday, July 21, 5:30 PM
STATE FAIR ENTRIES:		All livestock for STATE FAIR must be properly identified and enrolled. State Fair entry deadline is June 1.

Project Description:
The 4-H Beef educational program and related activities (such as workshops, tours, etc.) provide youth a fun and hands-on learning experience which develops both beef subject skills (such as nutrition, housing, and health care) and life skills (such as responsibility, decision-making, nurturing, and communications).

Levels:
Junior **Grades 3-5**
Intermediate **Grades 6-8**
Senior **Grades 9-12**

Project Guidelines:

- To exhibit at the county and state fair 4-H members showing beef cattle, dairy cattle, dairy goats, meat goats, poultry, rabbits, sheep and swine, must be certified through the Youth for the Quality Care of Animals (YQCA). The purpose of this program: Youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; Animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply. This is an annual program that can be completed via online modules or in-person trainings. More information about this pro gram will be provided from the Extension Office.
- In each project manual level complete a minimum of four (4) different activities each year. These activities can include the "Beef It Up" Activities.
- 4-H'er will use and complete one (1) project manual in three (3) years. (You will use the books according to your grade as of January 15 of the current year).
- Complete a record sheet.
  If your project manual requirements and record sheet are INCOMPLETE, you will NOT be considered for Champion or be allowed to enter beef cattle in the livestock auction.

4-H BEEF CATTLE:
Identification deadline- 4-H Beef ID – February 29, 2020

- All steers and commercial heifers must be ear tagged and weighed at the Beef ID and have a completed online 4-H beef ID/enrollment form and Animal Location form by April 1.
- 4-H beef purebred heifers must have a RFID tag (can be picked up in the Extension Office), a completed online 4-H beef heifer ID form and Animal Location form turned into Extension Office by May 15, 2020. Cow/calf must have a completed online 4-H beef cow/calf ID form and Animal Location form turned into the Extension Office by May 15, 2020.

4-H Fair:

- All 4-H beef animals will be physically inspected prior to entering the barn and may be rejected or removed due to health issues at any time during the fair.
- All purebred females must be registered in the 4-H'ers name* by the breed registry. A breed registration certificate from the breed registry must be presented at fair check-in.
  (* Acceptable 4-H livestock registration certificate information located on page 132, #21.)

Exhibit Requirements:
Animal exhibitors also have the option of exhibiting a poster in place of, or in addition to exhibiting an animal. The poster should cover a topic of one (1) of the activities or learning experiences in the completed grade level of the project manual. Posters must follow poster rules, Page 30, #15. All posters, notebooks, and display boards must include a reference list including where information was obtained, giving credit to original author. Champion poster will be chosen in each level (Junior, Intermediate, Senior) for each animal specie (Example: Dog, cat, goat, sheep, etc.). A Grand Champion animal poster will be selected from all eligible Champion animal posters.

GENERAL RULES

- 4-H exhibitor may enroll up to six (6) beef steers and ten (10) beef heifers. However, a 4-H'er may only exhibit three (3) beef steers and three (3) beef heifers at the County 4-H Fair. To be eligible to exhibit at the current year 4-H Fair, all steers and commercial heifers must be identified and weighed at Beef I.D. of the current year.
- No exhibitor may show more than two (2) heifers per class or two (2) steers per class. Steers do not have to be the same breed. Exhibitor may show crossbred heifers and more than one (1) breed of purebred. Limit not to exceed three (3) heifers. All purebred heifers, cow/calf, and Junior heifers must be enrolled by May 15 of current year.
- All steers and commercial heifers will be weighed on fair check-in day as they arrive. Animals cannot be brought onto the grounds before 2:00 p.m. or after scales close at 8:00 p.m. (time subject to change on schedule).
- All animals, except purebred breeding heifers must be weighed. Each member will be given a weight ticket when they check-in. Weights should be challenged when weighed and when the animal is on the scales. Once the ticket is signed, the weight will stand.
- Steers must be shown in the breed they were entered as at Beef ID. The classes of steers shall be made up by the beef superintendent. The steers are assigned to their classes according to breed and weight. When the steers are weighed, the beef superintendent and assistants will divide the calves within each breed division. In no case shall there be more than eight (8) steers in a regular class. Classes will follow State Fair order.
- Show order will be: Cow/calf, heifers, steers, showmanship. Class assignments shall begin with light weights.
- All county born and bred cattle may compete in born and bred classes AND their respective breed classes.
- All beef animals must be dehorned except breeding stock. Scurs are acceptable.
- All calves must be tied as designated with rope halter and neck rope or chain. Feed must be furnished by exhibitors.
- A special award will be made to the 4-H members who keep their stalls the cleanest throughout the entire Fair. Excessive bedding is not needed. (See Animal Welfare and Clean Environment Section in Fairbook.)
- No bedding will be furnished.
- All washing must be done on the south side of the building at the wash rack. No cattle are to be north of the cattle barn for washing or exercising.
- All animals exhibited at the 4-H Fair must meet Board of Animal Health (BOAH) requirements.
- There shall be no artificial means of stomach fill or injection of jells, fluids, body fillers, etc. for beef cattle.
- ALL MEMBERS MUST ENTER AND SHOW THEIR OWN ANIMALS. Exception: If the member has more than (1) one animal in a class. 4-H'er must get permission from Barn Superintendent to have another Hamilton County 4-H'er show their additional animal.
- All record books must be turned in complete to the 4-H Leader before the Fair.
- All steers must have milk teeth in place by County fair.
- THERE WILL BE NO RESERVING OF STALLS PRIOR TO FAIR WORK DAY. THOSE 4-H MEMBERS WORKING AT WORK DAY WILL HAVE FIRST PRIORITY IN RESERVING A STALL/PEN.

PUREBRED BEEF BREEDING HEIFERS

- All purebred females must be registered in the 4-H'ers name* by the breed registry. A breed registration certificate from the breed registry must be presented at fair check-in. (* Acceptable 4-H livestock registration certificate information located on page 132, #21.)
- Heifers entered as purebred May 15 will not be allowed to switch to crossbred at fair check-in.
- No more than two (2) animals may be in the same age group. Age groups are:
  September 1 to December 31**, 2018** (Senior Yearlings)
  January 1 to February 28**, 2019** (Junior Yearling Heifer Class 1)
  March 1 to April 30**, 2019** (Junior Yearling Heifer Class 2)
  May 1 to June 30, **2019** (Summer Yearling Heifer Class 1)
  July 1 to August 31, **2019** (Summer Yearling Heifer Class 2)
  September 1 to December 31, **2019**(Senior Calf Class)
  January 1 to March 31, **2020** (Junior Calf Class)
- A 4-H exhibitor may show more than one (1) breed of heifer for a combined total of three (3) animals.
- Registration papers and tattoos of purebred beef heifers will be checked before the animals are allowed to enter the beef barn.
- Grand Champion Heifer and Reserve Grand Champion Heifer will be chosen over all breeds.

HAMILTON COUNTY COW/CALF PROJECT RULES

- The 4-H member must own both the cow and the calf.
- The 4-H member must show either the cow or the calf and obtain assistance from another Hamilton County 4-H member for the other.
- Both animals must be shown with halters.
- The calf must be born between January 1, **2020** and May 1, **2020.**
- The cow/calf pair must have a ***completed online 4-H beef cow/calf ID form*** no later than May 15, **2020.**
- 4-H members showing purebred cows will need to produce registration papers for that cow from her breed association.
- The cow/calf project animals will check-in on Sunday at 5:00 p.m. and will be released on Monday at 5:00 p.m.
- If a cow/calf pair has a heifer calf, the calf may show in the Junior heifer class. The heifer calf must have registration papers if it is a purebred. The heifer must be entered on 4-H Online as a purebred heifer and the cow/calf pair entered on a separate form.
- It will be necessary for any 4-H member intending to show a cow/calf pair, to be in attendance on set-up day, as your stall selection will require special arrangements.
- The Beef Superintendents will have the final decision in regards to class size and type.
- If at any time the classes must be arranged by breed, the cow will determine the breed for the pair.
- Awards will be given for Grand and Reserve Grand Champion.
- The maximum number of entries is three (3).
- Once the cow has won Grand Champion in this class, she is unable to compete again.

BEEF GROOMING CONTEST RULES

- The participant must be a 4-H member and must have a completed beef project.
- The teams will consist of at least two (2) or three (3) 4-H members. A Senior, Intermediate, and Junior showman will be on each team. Every effort will be made to create equal teams.
- Teams will be selected by the Beef Superintendent.
- One (1) person from the team must supply a calf.
- The team must supply their own grooming equipment.
- Each team will have 45 minutes to complete the grooming of the calf. When completed one (1) member of each team will lead the animal out of the chute and present it as if it were being shown. At this time, the judge can make his or her selection and comments.
- The teams will be judged on teamwork, grooming techniques, and how the calf looks when grooming is completed.
- There will be absolutely NO ILLEGAL GROOMING. Any abuse to the animal will NOT be tolerated and will result in immediate disqualification.
- 4-H grooming rules apply to this contest.

BUCKET CALF

(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:	Amy Jackson Cowan, 765-623-5873, amjackson1319@gmail.com
EXHIBIT CHECK-IN:	Wednesday, July 15, 2-8 PM
JUDGING:	Thursday, July 16, 9 AM, Open Judging
RELEASE TIME:	Tuesday, July 21, 7 AM– Noon, All Non-Auction livestock released
STATE FAIR ENTRIES:	All livestock for STATE FAIR must be properly identified and enrolled. State Fair entry deadline is July 1.

Project Description:
A bucket calf is an orphan or newborn calf; male or female; dairy, beef, or cross; fed on bucket or bottle. This project encourages youth to learn about raising beef or dairy cattle. Members will learn about caring for and raising a calf and about related health issues. Emphasis in this project is placed on the 4-H'ers knowledge, not the quality of the animal.

Levels: Grades 3-12

Project Guidelines:

Begin Project

- Select and/or purchase a calf born between January 1 and April 15 of current project year within two (2) weeks of birth. If shown, calf should probably be at least ninety (90) days old. Animals must be identified by May 15 through Extension Office.
- Calf Sources: Feedlots, dairies, sale barn, neighbor calving cull cows, county producers
- Other Suggestions:
  - One (1) calf per year per 4-H'er for this age group.
  - Develop management and marketing plan with parent, leader, or banker.
  - Optional: Bucket Calf heifers could be shown in Beef or Dairy project if you sign up for the project and follow project rules.

End Project

Project ends when calf is sold at weaning age, as a feeder calf, dies, or end of 4-H Fair. If calf is continued as a breeding heifer or market steer project, begin record for next year with ending value.

Identification- Tag calf with official 4-H ear tag by May 15 of current 4-H year. Tag available at County Extension Office.

Record- Complete the 4-H bucket calf record sheet.

4-H BUCKET CALF:

Identification deadline- May 15, 2020

- Bucket calves must have a completed online 4-H Beef/Dairy Feeder ID/enrollment form and Animal Location form turned into the Extension Office by May 15, 2020.
- 4-H'ers will receive a tag(s) from the Extension Office to put in their calf's ear on their own when their ID/ enrollment form is completed.

4-H Fair:

All bucket calves will be physically inspected prior to entering the barn and may be rejected or removed due to health issues at any time during the fair.

Exhibit Requirements:

All animals exhibited at the 4-H Fair must meet Board of Animal Health (BOAH) requirements. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Fair Classes-

Calves may be shown at halter in special beef or dairy class. Classes may be split (if numbers warrant) according to:

- 4-H'ers (Grades 3-5) with experience showing Beef or Dairy Bucket Calf (Junior)
- 4-H'ers (Grades 3-5) with no experience showing Beef or Dairy Bucket Calf (Junior)
- 4-H'ers (Grades 6-8) with experience showing Beef or Dairy Bucket Calf (Intermediate)
- 4-H'ers (Grades 6-8) with no experience showing Beef or Dairy Bucket Calf (Intermediate)
- 4-H'ers (Grades 9-12) with experience showing Beef or Dairy Bucket Calf (Senior)
- 4-H'ers (Grades 9-12) with no experience showing Beef or Dairy Bucket Calf (Senior)

It is suggested that classes be judged by conference method based on:

- What 4-H'er learned about caring for and raising calf.
- Show ring presentation according to either beef or dairy guidelines, with emphasis on how much the 4-H'er learned and can do without help. However, parental guidance is encouraged.
- The general health of calf and knowledge of 4-H'er in health-related areas.
- Dairy or beef quality of calf should not be considered, since purchase is not made on that basis.
- Completion of record sheet, to best of member's ability.

Bucket calves may be entered the following year in the beef cattle or dairy cattle project. 4-H Beef and Dairy Steers and Crossbred Beef Heifers must attend and be identified at the 4-H Beef/Dairy ID to be eligible to be exhibited at the 4-H Fair. Purebred Dairy Heifers and Purebred Beef Heifers must be entered on a beef/dairy heifer enrollment form that is due May 15.

Awards-

It is suggested that every entry receive a participation ribbon. If classes are ranked, it is important for spectators to know that placings are being made based on the interview and not on the quality of the animal.

Sale of Animal-
It is suggested that the animal **NOT** be sold at a premium sale, so that true market value may be taught. Members may keep animal for breeding heifer or market steer project or sell at sale barn or by private treaty.

CATS
(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:	Jenny Rumple, 317-670-4202, jennyrumple@gmail.com
EXHIBIT CHECK-IN WITH A VET CHECK:	Saturday, July 18, 4 PM
JUDGING:	Saturday, July 18, 5 PM, Open Judging
RELEASE TIME:	Saturday, July 18, Immediately following show
STATE FAIR ENTRIES:	All livestock for STATE FAIR must be properly identified and enrolled. State Fair entry deadline is July 1.

Project Description:
The 4-H Cat educational program and related activities (such as workshops, tours, etc.) provide youth a fun and hands-on learning experience which develops both cat subject skills (such as nutrition, housing, and health care) and life skills (such as responsibility, decision-making, nurturing, and communications). All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Levels:

Junior	**Grades 3-5**
Intermediate	**Grades 6-8**
Senior	**Grades 9-12**

Project Guidelines:
- In each project manual level complete a minimum of four (4) different activities. These activities can include the “Feline Adventures” activities.
- Complete one (1) level in three (3) years (you will use the books according to your grade as of January 15 of the current year).
- 4-H'ers who have taken the cat project for two (2) or more years are recommended to complete a poster. First year cat project members may complete a poster if desired. All posters must follow poster rules, Page 30, #15. All posters check-in on the Sunday before the fair. See fairbook for details.
- If requirements are **NOT** fulfilled, your cat will be ineligible for a ribbon higher than a blue.
- The Champion Junior, Intermediate, and Senior poster will be eligible for exhibit at the State Fair. A Grand Champion animal poster will be selected from all eligible Champion animal posters.
- 4-H'ers whose cats are eliminated due to health standards (See Veterinary rules) are still eligible to participate in the Cage Decorating & Cat Knowledge contests.

4-H CATS:
Ownership deadline– ***May 15, 2020***
- Kittens must be at least four (4) months old by the day of the cat show and no more than eight (8) months old by the day of the cat show.
- Categories of cats will be judged by long hair, short hair, and kitten in each division. An overall winner will be selected for each category.
- Cats must have a completed Certificate of Completion of Indiana Board of Animal Health Requirements for Exhibition of Cats (Form 4-H-777-W) which includes a feline leukemia test within 180 days of being shown.
- All cats must be free from internal and external parasites and members must have a veterinary record for verification. A negative fecal exam for internal parasites must now be provided.

Please Note:

- Cat project members are to show the cat that they have cared for since the ***May 15th*** enrollment deadline.
- It is recommended that cats are to be brought in standard cat carrier or wire cages.
- Proof of completion of health requirements must be shown at time of check-in at the fun show and at the fair: Form 4-H-777-W – "2020 Certificate of Completion of Indiana Board of Animal Health Requirements for Exhibition of Cats" must be completed by your veterinarian and presented at check-in. Please note: the "Feline Leukemia Test" must be completed within 180 days before the show.
- No pregnant or lactating cats will be allowed to show.
- Your cat will be hosted in a cage provided. Cage measures approximately 22" deep x 22" high x ***22***" front and back. You need to cover the sides and top for the comfort and safety of your cat.

Cat Show Rules

- Each 4-H'er may show only one (1) cat per category.
- To be eligible to be shown, the cat must have been in the care of the 4-H'er since ***May 15th*** of current year.
- The cat may be either a purebred or a household pet.
- Cats do not need to be registered or pedigreed in order to enter the cat project.
- The cat must be fed and cared for by the 4-H member.
- No cats will be left overnight at the show. Animals must be taken home immediately after completion of the show. No cats are to be left unattended at any time.
- If a cat is not on the judging table at the time the class is judged, they will not be judged. The member is not allowed to speak with the judge unless so requested by the judge.
- Each 4-H member must exhibit their own animal at the Cat Show.
- Each cat shall be under the restraint of the owner.
- The final placings will be the determination of the judge. The judge will retain the right to choose the cats for final judging consideration.
- No collars are permitted on the cats during the time of judging.

4-H Cat Veterinary Rules

- No cats shall be devocalized.
- All cats shall have the required shots/vaccinations/test necessary for exhibiting in Indiana (4-H-777-W).
- Cats may be neutered, if so desired.
- All cats must be free from internal and external parasites and members must have a veterinary receipt for verification.
- NO FLEAS- Veterinarians will be checking all animals as they check-in to the fair and will verify the cat rules.

Cage Decorating Contest (Optional):

- Cage may be decorated in any fashion to cover four (4) sides of the cage (top, two (2) sides and back). ***The top of the cat cage decoration cannot exceed 28" above the cage.***
- Cage measures approximately 22" deep x 22" high x ***22***" front and back.

ALL CAGES MUST BE COVERED but decorating contest is optional.

Cat Knowledge Contest (Optional):

Part 1– Written quiz about cats
Part 2– Handling cat, remove from cage, etc.
Part 3– Oral quiz with Judge about their cat
Awards will be given for Junior, Intermediate, and Senior levels. The Royal Showmanship representative will be the Senior Champion of the Cat Knowledge Contest.

DAIRY CATTLE
(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:	Amy Jackson Cowan, 765-623-5873, amjackson1319@gmail.com
EXHIBIT CHECK-IN:	Wednesday, July 15, 2-8 PM
JUDGING:	Thursday, July 16, 10:30 AM, Open Judging
RELEASE TIME:	Tuesday, July 21, 7 AM - Noon, All Non-Auction livestock released
AUCTION:	Tuesday, July 21, 5:30 PM
STATE FAIR ENTRIES:	All livestock for STATE FAIR must be properly identified and enrolled. State Fair entry deadline is July 1.

Project Description:
The 4-H Dairy educational program and related activities (such as workshops, tours, etc.) provide youth a fun and hands-on learning experience which develops both dairy subject skills (such as nutrition, housing, and health care) and life skills (such as responsibility, decision-making, nurturing, and communications) under the direction of caring adult volunteers.

Levels:

Junior	**Grades 3-5**
Intermediate	**Grades 6-8**
Senior	**Grades 9-12**

Project Guidelines:

- To exhibit at the county and state fair 4-H members showing beef cattle, dairy cattle, dairy goats, meat goats, poultry, rabbits, sheep and swine, must be certified through the Youth for the Quality Care of Animals (YQCA). The purpose of this program: Youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; Animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply. This is an annual program that can be completed via online modules or in-person trainings. More information about this program will be provided from the Extension Office.
- In each project manual level complete a minimum of four (4) different activities each year. These activities can include the “Milking It For More” activities.
- 4-H'er will use and complete one (1) project manual in three (3) years. (You will use the books according to your grade as of January 15 of the current year).
- Complete a record sheet.
- If your project manual requirements and record sheet are INCOMPLETE, you will NOT be considered for Champion or be allowed to enter dairy cattle in the livestock auction.

4-H DAIRY CATTLE:
Identification deadline- February 29, 2020 (steers), May 15, 2020 (heifers)

- All dairy steers must be ear tagged, and weighed at the Beef ID and have a completed online 4-H dairy ID/ enrollment form and Animal Location form by April 1.
- 4-H dairy heifers must have a RFID tag (can be picked up in the Extension Office), completed online ID/ enrollment form, and Animal Location form turned into the Extension Office by May 15.

4-H Fair:

- All 4-H dairy animals will be physically inspected prior to entering the barn and may be rejected or removed due to health issues at any time during the fair.

Exhibit Requirements:
Animal exhibitors also have the option of exhibiting a poster in place of, or in addition to exhibiting an animal. The poster should cover a topic of one (1) of the activities or learning experiences in the completed grade level of the project manual. Posters must follow poster rules, Page 30, #15. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author. A Champion poster will be chosen in each level (Junior, Intermediate, Senior) for each animal specie (Example: Dog, cat, goat, sheep, etc.). A Grand Champion animal poster will be selected from all eligible Champion animal posters.

- Any one (1) animal may be enrolled by only one (1) 4-H member. If the animal is owned in a partnership or family corporation, the animal in question may only be enrolled by one (1) member.
- The Dairy Lease program is only for 4-H members who do not own their own dairy cows and/or heifers. 4-H members may not enroll both leased and owned dairy animals. Only dairy heifers that will be less than two (2) years-of-age at the time of the Hamilton County 4-H dairy show may be leased. Leasing a dairy heifer will be considered the equivalent of ownership. The 4-H member should be regularly involved in the care of the heifer, regardless of where the heifer is kept, and the 4-H member should have exclusive show rights to the heifer during the 4-H lease period from May 15th until the 4-H dairy show at the Hamilton County 4-H Fair. Leased 4-H dairy heifers must be registered (although it is not necessary to have the registration paper transferred to the 4-H member's name) by May 15th and their registration number listed on the 4-H member's dairy 4-H Online entry. Turn in lease form with Animal Location form. At check-in during the Hamilton County 4-H Fair, the 4-H member with a leased dairy heifer must provide the heifer's registration paper. More than one (1) breed may be entered and shown. Exhibitor may show no more than two (2) animals per class. 4-H'er must get permission from Barn Superintendent to have another 4-H'er show additional animal. All exhibitors must be Hamilton County 4-H members.
- All dairy cattle will be checked in at 4-H Fair from 2-8 p.m. on WEDNESDAY, JULY 15, 2020.
- All animals exhibited at the 4-H Fair must meet Board of Animal Health (BOAH) requirements.
- Check all papers (ownership, registration, age and classification) on all animals with Superintendent before unloading animals at the County 4-H Fair.
- All calves must be tied as designated, with rope halter, never a show halter.
- Feed and bedding to be furnished by exhibitor. Space for each calf will be 18" x 36". Plan accordingly.
- Washing must be done on south side by wash rack. No cattle are to be north of the cattle barn for washing, exercising or grooming.
- All 4-H Dairy members shall be assigned a showmanship identification number that he/she will wear throughout the Dairy Show.
- Grade and registered Dairy cattle will be shown together according to breed; only dairy grade and registered dairy will be eligible for Dairy Show. They will be shown together according to breed.
- All heifers in milk show in the cow classes.
- No horns on heifers.
- All record books must be completed and turned in to the 4-H leader by the specified due date.
- To compete for a Grand and Reserve Grand Champion there must be two (2) or more animals exhibited. Grand Champion contests are limited to winners of the Junior Class Champion and the Senior Class Champion.
- After Champion is selected the second place blue ribbon exhibit in that same class automatically becomes eligible to show for Reserve; likewise Reserve Champion then becomes eligible for Reserve Grand after the Grand Champion is selected.

DAIRY CATTLE CLASSES (order of showing)

Junior Division:
Junior Calves: Jersey, Holstein, Guernsey, Ayrshire & Brown Swiss, Milking Shorthorn
Fall Senior Calves: Jersey, Holstein, Guernsey, Ayrshire & Brown Swiss, Milking Shorthorn
Senior Calves: Jersey, Holstein, Guernsey, Ayrshire & Brown Swiss, Milking Shorthorn
Summer Junior Yearling Heifers: Jersey, Holstein, Guernsey, Ayrshire & Brown Swiss, Milking Shorthorn
Junior Yearlings: Jersey, Holstein, Guernsey, Ayrshire & Brown Swiss, Milking Shorthorn
Intermediate Senior Yearlings: Jersey, Holstein, Guernsey, Ayrshire & Brown Swiss, Milking Shorthorn
Senior Yearlings: Jersey, Holstein, Guernsey, Ayrshire & Brown Swiss, Milking Shorthorn
Junior Champion: Jersey, Holstein, Guernsey, Ayrshire & Brown Swiss, Milking Shorthorn

Senior Division:
Junior Two (2) year old cows: Jersey, Holstein, Guernsey, Ayrshire & Brown Swiss, Milking Shorthorn
Two (2) year old cows: Jersey, Holstein, Guernsey, Ayrshire & Brown Swiss, Milking Shorthorn
Three (3) year old cows: Jersey, Holstein, Guernsey, Ayrshire & Brown Swiss, Milking Shorthorn
Four (4) year old cows: Jersey, Holstein, Guernsey, Ayrshire & Brown Swiss, Milking Shorthorn

Grand Champion: Over Breed
Dairy Steer Classes
Grand Champion Dairy Steer

Showmanship Contest
Junior- C
Intermediate- B
Senior- A

Showmanship will be after judging is completed. Order of Showmanship will be Juniors, Intermediate, and Seniors.

4-H DAIRY STEER
The Dairy Steer Class will abide by the general rules of Dairy Cattle. These steers, bred for meat purposes will show in classes made up by the animal's weight and not by breed. The steer used in a dairy steer project must be 100 percent dairy breeding and will be screened by a committee at the ID (Holstein, Brown Swiss, Guernsey, Jersey, Ayrshire, or any cross of the five (5)). Crossbred may not be of beef. All dairy steers must be dehorned (scurs are acceptable) and weigh at least 900 pounds at fair check-in. Milk teeth must be in place. Animals must be shown "washed down" with no hair grooming except clipping. The Dairy Steer class will be part of the dairy show and will be judged by the Dairy Judge. The number of classes at the Fair will be made up by the barn superintendent. No exhibitor may show more than two (2) animals per class. A 4-H member who exhibits a dairy steer may sell the steer through the 4-H Livestock Sale, if the member so desires. Dairy steers must be identified by tags.

AGE DEFINED:
The following age groupings will be offered at State Fair.
For State Fair, members may show a maximum of one (1) animal in each of the following age groups per breed:
Five (5) year old and over (Holstein, Ayrshire and Jersey only), born prior to August 31, 2015;
Four (4) year old and over Brown Swiss, Guernsey and Milking Shorthorn, born prior to August 31, 2016;
Four (4) year old Ayrshire, Holstein and Jersey born 9/1/15-8/31/16;
Three (3) year old Ayrshire, Brown Swiss, Jersey and Milking Shorthorn born 9/1/16-8/31/17;
Senior three (3) year old Holstein, Jersey and Guernsey born 9/1/16-2/28/17;
Junior three (3) year old Holstein, Jersey and Guernsey born 3/1/17-8/31/17;
Two (2) year old cow, born 9/1/17-2/28/18;
Junior two (2) year old cow, born 3/1/18-8/31/18;
Senior Yearling, born 9/1/18-11/30/18;
Intermediate Yearling, born 12/1/18-2/28/19;
Junior Yearling, born 3/1/19-5/31/19;
Summer Junior Yearling, born 6/1/19-8/31/19;
Senior Calf, born 9/1/19-11/30/19;
Fall Senior Calf, born 12/1/19-2/28/20;
Junior Calf, born 3/1/20 - 4/15/20.

DAIRY GOATS
(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:	Kim Nunley, 317-902-6941, kimbaleena81@hotmail.com
EXHIBIT CHECK-IN:	Wednesday, July 15, 2-8 PM
JUDGING:	Friday, July 17, ***3 PM***, Open Judging
RELEASE TIME:	Tuesday, July 21, 7 AM– Noon, All Non-Auction livestock released
AUCTION:	Tuesday, July 21, 5:30 PM
STATE FAIR ENTRIES:	All livestock for STATE FAIR must be properly identified and enrolled. State Fair entry deadline is July 1.

Project Description:
The 4-H Goat educational program and related activities (such as workshops, tours, etc.) provide youth a fun and hands-on learning experience which develops both goat subject skills (such as nutrition, housing, and health care) and life skills (such as responsibility, decision-making, nurturing, and communications).

Levels:

Junior	**Grades 3-5**
Intermediate	**Grades 6-8**
Senior	**Grades 9-12**

Project Guidelines:

- To exhibit at the county and state fair 4-H members showing beef cattle, dairy cattle, dairy goats, meat goats, poultry, rabbits, sheep and swine, must be certified through the Youth for the Quality Care of Animals (YQCA). The purpose of this program: Youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; Animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply. This is an annual program that can be completed via online modules or in-person trainings. More information about this program will be provided from the Extension Office.
- In each project manual level complete a minimum of four (4) different activities each year. These activities can include the "Udder Ideas" activities.
- 4-H'er will use and complete one (1) project manual in three (3) years. (You will use the books according to your grade as of January 15 of the current year).
- Complete a record sheet.
  If your project manual requirements and record sheet are INCOMPLETE, you will NOT be considered for Champion or be allowed to enter a dairy goat in the livestock auction.

4-H DAIRY GOATS:

Identification deadline– May 13, 2020

- All wethers must attend the official Goat identification day to be identified by ear tag and retinal scan.
- All 4-H dairy goat does must be identified by a tattoo.
- All dairy goats must have a completed online livestock identification form and Animal Location form turned into the Extension Office by May 15, 2020.
- All wethers and non-registered does must be 100% dairy. Crossbred may only be within ADGA/BGS recognized breeds (listed in the handbook).
- There is no minimum weight for dairy wethers at the Hamilton County 4-H Fair.
- Acceptable breed registries for Purebred/American does are the American Dairy Goat Association (ADGA), the American Goat Society (AGS), the British Goat Society (BGS), or the Nigerian Dwarf Goat Association (NDGA). BGS or NDGA papers are not acceptable for the state fair.
- Unregistered does must be tattooed or attend identification day to be ear tagged and retinal scanned. Tattoos and tag numbers must be entered into 4-H Online registration by May 15th.
- All lamancha wethers must be tattooed in addition to being retinal scanned.

4-H Fair:

- All registered 4-H dairy goat does must be identified by a tattoo and will be physically inspected prior to entering the barn and may be rejected or removed due to health issues at any time during the fair.
- All purebred females must be registered in the 4-H'ers name* by the breed registry. (*Acceptable 4-H livestock registration certificate information located on page 132, #21) An original breed registration certificate from the breed registry must be presented at fair check-in. No photocopies of registration papers or registration applications will be accepted. Faxes/emails from a breed registry are not accepted in lieu of registration papers.

Exhibit Requirements:
Showmanship is listed under classes.
The show will be conducted according to American Dairy Goat Association Official Show Rules.

Animal exhibitors also have the option of exhibiting a poster in place of, or in addition to exhibiting an animal. The poster should cover a topic of one (1) of the activities or learning experiences in the completed grade level of the project manual. Posters must follow poster rules, Page 30, #15. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author. A Champion poster will be chosen in each level (Junior, Intermediate, Senior) for each animal specie (Example: Dog, cat, goat, sheep, etc.). A Grand Champion animal poster will be selected from all eligible Champion animal posters.

- 4-H enrollment deadline is January 15.
- There is not a limit to the number of animals a 4-H'er may enroll prior to May 15, as long as the 4-H'er who enrolls them also owns and cares for them by the May 15 deadline.
- All does shown in the senior doe classes must be in milk production at the time of the show.
- Recommended show attire for dairy goats is white pants and white shirt. Black pants are acceptable.
- All wethers must attend the official goat identification day to be identified by ear tag and retinal scan. A (3) three person screening team appointed by the Dairy Goat Superintendent, will screen the dairy goat wethers at the ID day. If it is the opinion of the screening team that a dairy goat wether does not exhibit dairy characteristics and is not 100% dairy, it will not be allowed to show in the dairy goat wether show. It will be allowed to show in the Meat Goat Wether Show.
- All dairy goats must be owned entirely by the 4-H'er and in the possession of the club member as of May 15.
- Records should start on the day of purchase. Completed record must be turned in to 4-H leader by the specified date.
- All dairy goats will be checked in at the 4-H Fair from 2-8 p.m. on WEDNESDAY, JULY 15, 2020.
- Tattoo is the only approved means of identification for registered does.
- All goats competing for championship honors who are in milk may be required by the judge to be milked before final placings.
- Recorded papers are required for the Recorded Grade animals.
- An exhibitor is limited to a maximum of two (2) entries per class.
- All members must enter and show their own animals. If the member has more than one (1) animal in a class, 4-H'er must get permission from Barn Superintendent to have another Hamilton County 4-H'er show additional animal.
- Every dairy goat must have a collar and tie chain available if needed.
- Dairy goats with horns are not permitted.
- Buck goats are not permitted. Wethers should be castrated, banded or clamped at least sixty (60) days before show. Any animals with traditional buck appearances or odors are not permitted.
- All wethers must be 100% dairy breeding. Crossbred may only be within dairy breeds. All wethers must have milk teeth in place at time of show. Classes will be determined by weight at time of entry.
- A 4-H member who exhibits a wether or a doe may sell one (1) animal through the livestock sale if the member so desires. Direct goats sold at the fair must be signed up by **Monday** at Noon.
- All animals must meet the official health rules before unloading. All animals exhibited at the 4-H Fair must meet Board of Animal Health (BOAH) requirements.
- Any doe 24 months or older who has never freshened may not be shown.
- Body clipping of animals for show is not a requirement, but is highly recommended.
- Age of animals shall be computed from actual date of judging.
- If project manuals and record sheets are incomplete, you will NOT be considered for a Champion or be allowed to enter a dairy goat in the livestock auction.
- All animals in group classes must be owned and shown by the same 4-H member and also must have been exhibited in their respective age classes. Animals used in showmanship classes must also be exhibited in their age classes. All breeds other than Nigerian Dwarf are considered “standard” breeds.
- Non-registered doe classes are offered at the county fair only.
- All Nigerian does will be measured upon fair check-in. All over height does (according to ADGA/AGS height requirements) will be required to show as non-registered.
- Guernsey does will be allowed to show with registration papers from BGS (British Goat Society) until ADGA papers become available. ADGA breed standards will apply.
- Crossbred/Grade does or wethers must be crosses between the acceptable breeds only listed in the handbook.

Breeds: A 4-H'er may exhibit registered or non-registered does of the following breeds:

Alpine	Oberhasli	Guernsey
Lamancha	Saanen	
Nigerian Dwarf	Sable	
Nubian	Toggenburg	

Recorded Grades (all recorded grade does must have recorded papers from ADGA)

Classes:

- Showmanship
  - Junior
  - Intermediate
  - Senior
- Junior Doe- born on or after April 1 of current year
- Intermediate Doe- born March 1 to March 31 of current year
- Senior Doe- born January 1 to February 28 of current year
- Yearling Doe- one (1) year and under two (2) years, dry
  - Best of Breed- Junior Doe
  - Grand Champion Junior Doe
- Yearling Milker- under two (2) years, milking
- 2-3 Milker- two (2) years and under three (3) years, milking
- 3-5 Milker- three (3) years and under five (5) years, milking
- 5 and Older- five (5) years and older, milking
  - Best of Breed- Senior Doe
  - Grand Champion Senior Doe
- Dam and Daughter- any breed
- Wether Class
  - Grand Champion Wether Class

DOG OBEDIENCE

(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:	Lynda Arbuckle, 317-773-5758	
	Dawn Moos, 317-213-8515, dmoos425@gmail.com	
EXHIBIT CHECK-IN:	Dog Agility	Saturday, July 11, 9:30 AM
	Dog Obedience	Monday, July 13, 3:30 PM
JUDGING:	Dog Agility	Saturday July 11, 10 AM, Open Judging
	Dog Obedience	Monday, July 13, 4 PM, Open Judging
RELEASE TIME:	Immediately following both shows	
STATE FAIR ENTRIES:	All livestock for STATE FAIR must be properly identified and enrolled. State Fair entry deadline is July 1.	

Project Description:
Members in the Dog project learn about puppy and dog care, training, nutrition, and health. Members will have the opportunity to train and show his/her dog. Training classes meet weekly beginning in the spring and run through the summer.

Levels:

Junior	**Grades 3-5**
Intermediate	**Grades 6-8**
Senior	**Grades 9-12**

Project Guidelines:

- In each project manual level complete a minimum of four (4) different activities each year. These activities can be the "Begging For More" activities.
- 4-H'er will use and complete one (1) project manual in three (3) years. (You will use the books according to your grade as of January 15 of the current year.)
- Complete a record sheet (front and back sides). Manual and record sheet must be turned in to dog project leaders by June 2, 2020.
- If your project manual and record sheet are INCOMPLETE, you will NOT place above a Red Ribbon.

- If there is a Severe Weather Warning or Watch (Storm or Tornado) in effect anytime during the time frame of 6:00 PM to 10:00 PM for Hamilton County, then class is cancelled. If there are storms, but no Severe Warning or Watch then class will be held.

4-H Dogs:
Ownership Deadline: **May 15, 2020**

All 4-H dogs must have their inoculations up-to-date and have completed "2020 Certificate of Completion of Indiana Requirements for Exhibition of Dogs" form 4-H-671W to participate in the 4-H Dog Project. **This form must be completed by a veterinarian and turned into the dog project leader no later than April 14, 2020. Dogs will not be allowed at 4-H Dog Project workshops/activities after April 14th if the completed form has not been turned into the dog project leader.** In addition, a copy of the Rabies Immunization Certificate provided by your Veterinarian is needed.

PLEASE NOTE:
Certain required vaccinations have not been proven effective in wolf-hybrids; therefore, because wolf-hybrids cannot meet the vaccination requirements of Indiana Board of Animal Health, wolf-hybrids **cannot** be shown in the 4-H Dog Program.

Changes to classes and rules may occur based on 2020 IN 4-H State Dog and State Fair changes.

Exhibit Requirements:
Animal exhibitors also have the option of exhibiting a poster in place of or in addition to exhibiting an animal. The poster should cover a topic of one (1) of the activities or learning experiences in the completed grade level of the project manual. Posters must follow poster rules, Page 30, #15. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author. A Champion poster will be chosen in each level (Junior, Intermediate, and Senior) for each animal specie (Example: Dog, cat, goat, sheep, etc.). A Grand Champion animal poster will be selected from all eligible Champion animal posters.

PROJECT MANUAL AND RECORD SHEET MUST BE TURNED INTO THE DOG PROJECT LEADER BY JUNE 2, 2020. Failure to turn in Dog Project Manual and Record Sheet to the dog project leader will result in a placing no higher than a Red in Obedience, Agility, and/or Showmanship.

If a 4-H'er opts to show a dog, Obedience is required, Agility and Showmanship are optional activities that a 4-H'er can train and compete in. If a dog is not shown in Obedience then they will not qualify for ribbons and/or placing in Agility and/or Showmanship.

A 4-H participant can show only one (1) dog and only in one (1) obedience class in a given year. A 4-H dog shown in Showmanship and/or Agility must also be shown in a 4-H obedience class by the same exhibitor.

A dog may only be shown by one (1) 4-H'er.

County Fair Rule - All 4-H'ers must enter and show their own animals unless authorized by Project Superintendent. All show persons must be Hamilton County 4-H members.

Decisions of the judge are final. Video cameras may be used for personal use, but will not be used to dispute a judge's decision or score.

Excessive and/or inhumane treatment of a 4-H dog by handler and/or family will be grounds for disqualification. Physical or verbal disciplining of a dog is not permitted at any time, inside or outside class or the show ring; except to a reasonable extent in case of an attack on either a dog or person.

For everyone's protection, a dog that is aggressive toward people and/or other dogs will be asked to leave the program. Indiana 4-H Aggressive Dog Policy will be followed. 4-H members are responsible for the actions of their dogs.

4-H dogs must wear a well fitted slip, buckle, or martingale training collar made of chain, nylon, or leather in obedience class. A six (6) foot nylon or leather leash must be used. No pinch, prong, or electronic training collars are allowed in the Dog Project. No tags are allowed on training collars. No other collars are allowed during training or showing. Additional collars and leashes are required for Agility and Showmanship. Head halters are useful training tools and are acceptable in the 4-H training program; however a dog may not be shown in a head halter.

All 4-H'ers or a family member are required to clean up after their dog. Plastic bags and paper towels are available; this applies to all training sessions and shows. Failure to clean up after your dog may result in disqualification for the county dog show.

A 4-H dog may not attend training session or show if they are exhibiting symptoms of any communicable disease (Including ticks and fleas).

Female dogs in any stage of heat will not be allowed at training sessions or shows.

A dog being shown in the Dog Obedience project must belong to the exhibitor or to a member of his/her immediate family or household. All exhibitors must have been enrolled by May 15th in the county 4-H Dog Project to be eligible to compete at the Hamilton County 4-H Dog Show and/or Indiana State Fair 4-H Dog Show;. Dogs may only be shown by the 4-H member, their sibling, or their parent from May 15 through the Dog Show. Exhibition by any other individual makes the dog ineligible for showing.

It is highly recommended that a parent stay to observe training classes.

Appropriate attire is required in training and showing. At the judges discretion a ten (10) point deduction can be taken for inappropriate attire. Examples of inappropriate attire include the following:

- Exposing cleavage, bare midriff, or buttocks.
- Torn, tattered, or dirty clothing.
- Excessively baggy or tight clothing, including short skirts or shorts.
- Tank tops, halter tops, or tops with spaghetti straps.
- Clothing with commercial advertisements or insignia (except 4-H clover) is prohibited, except for dogs being raised for the handicapped.
- Smooth soled boots, high heels, loose fitting shoes, floppy sandals, or other unsafe footwear
- No clothing may be worn during judging that identifies a farm, breeder, or specific breed.

No double handling is allowed. Persons outside the ring are prohibited from any intentional actions designed to affect the performance of a handler or dog being judged. This applies to persons attempting to improve or impair a performance. This includes verbal or non-verbal actions.

The divisions listed below will be used at the County and State level of competition, except for those noted as "County Level Competition Only". Any dog exhibited at the County Show is eligible to compete at the State Fair regardless of County placing. Pre-registration is required for State Fair. Dog entry forms will be due to the State Fair Entry Department by July 1, 2020. **Changes to classes and rules may occur based on 2020 IN 4-H State Dog and State Fair changes.**

A 4-H member may not repeat Obedience class 1A.

A 4-H member may not repeat the following Obedience classes with the same dog: 1B, 2A, 3A, 4A, 5A, 6A.

A 4-H member may not move back to a lower class than the one they were entered in previous years with the same dog.

The high jump will be set at the same height as the 4-H dog measures at the withers rounded to the nearest multiple of 2". Minimum height is 4" and the maximum height is 36". (All dogs less than 7.5" must jump the 4" minimum).

The broad jump distance will be twice the high jump height. In the ring, the jumps will be arranged in order of size, evenly spaced, covering a distance equal to twice the height of the high jump setting for each dog. Four (4) hurdles will be used for a jump of 48" to 72", three (3) for 28" 44", two (2) for a jump of 16" to 24", and one (1) for 8". When decreasing the number of hurdles in the jump, the highest hurdle will be removed first.

4A, 4B, 5A, 5B, 6A, 6B- Handler may request a 2nd reduction in jump height for a dog seven (7) years or older.

Obedience Divisions:

Class changes are pending with Indiana State 4-H Dog Committee. Details will be provided once classes are finalized.

1A 4-H'ers with no previous training experience with dogs that have no previous obedience training.
(Not repeatable)
Exercises include: Heel on Leash; Figure 8 on Leash; Stand for Exam on Leash; Recall on Leash; One (1) minute Sit Stay on Leash; Three (3) Minute Down Stay on Leash;

1B 4-H'ers who have previous dog training experience including showing in 1A, or for 4-H'ers with no experience whose dogs have had training which disqualifies them from 1A.
(Not repeatable with same dog)
Exercises include: Heel on Leash; Figure 8 on Leash; Stand for Exam on Leash; Recall off Leash; One (1) minute Sit Stay off Leash; Three (3) Minute Down Stay off Leash;

2A 4-H'ers and dogs who have completed 1A or 1B.
(Not repeatable with same dog)
Exercises include: Heel on Leash; Figure 8 on Leash; Stand for Exam off Leash; Heel off Leash; Recall off Leash; One (1) minute Sit Stay off Leash; Three (3) Minute Down Stay off Leash;

2B 4-H'ers and dogs who have completed 2A, but are not ready for third year work.
(May repeat until ready to move up)
Exercises include: Heel on Leash; Figure 8 on Leash; Stand for Exam off Leash; Heel off Leash; Drop on Recall off Leash; Three (3) minute Sit Stay off Leash; Five (5) Minute Down Stay off Leash;

3A 4-H'ers and dogs who have completed second year work.
(Not repeatable with same dog)
Exercises include: Heel off Leash; Figure 8 off Leash; Stand for Exam off Leash; Drop on Recall off Leash; Dumbbell Recall; Three (3) minute Sit Stay off Leash with Handler out of sight; Five (5) Minute Down Stay off Leash with Handler out of sight;

3B 4-H'ers and dogs who have completed 3A, but are not ready for fourth year work.
(May repeat until ready to move up)
Exercises include: Heel off Leash; Figure 8 off Leash; Stand for Exam off Leash; Drop on Recall off Leash; Retrieve on Flat; Three (3) minute Sit Stay off Leash with Handler out of sight; Five (5) Minute Down Stay off Leash with Handler out of sight;

4A 4-H'ers and dogs who have completed third year work.
(Not repeatable with same dog)
Exercises include: Heel off Leash; Figure 8 off Leash; Retrieve on Flat; Dumbbell Recall over High Jump; Recall over Broad Jump; Three (3) minute Sit Stay off Leash with Handler out of sight;
Five (5) Minute Down Stay off Leash with Handler out of sight;

4B 4-H'ers and dogs who have completed 4A, but are not ready for fifth year work.
(May repeat until ready to move up)
Exercises include: Heel off Leash; Figure 8 off Leash; Retrieve on Flat; Retrieve over High Jump; Broad Jump; Three (3) minute Sit Stay off Leash with Handler out of sight; Five (5) Minute Down Stay off Leash with Handler out of sight;

5A 4-H'ers and dogs who have completed fourth year work.
(Not repeatable with 5B 4-H'ers and dogs who have completed 5A, but are not ready for sixth year work.)
(May repeat until ready to move up)
Exercises include: Hand Signals; Directed Retrieve; Retrieve Over High Jump; Broad Jump; Moving Stand for Exam;

5B 4-H'ers and dogs who have completed 5A, but are not ready for sixth year work.
(May repeat until ready to move up)
Exercises include: Hand Signals; Directed Retrieve; Retrieve Over High Jump; Broad Jump; Moving Stand for Exam;

6A 4-H'ers and dogs who have completed fifth year work.
(Not repeatable with same dog)
Exercises include: Hand Signals; Scent Discrimination; Directed Retrieve; Moving Stand for Exam; Go Out; Directed Jumping;

6B 4-H'ers and dogs who have completed 6A.
(May repeat until ready to move up)
Exercises include: Hand Signals; Scent Discrimination; Directed Retrieve; Moving Stand for Exam; Directed Jumping;

Veteran 4-H'ers whose dogs are at least seven (7) years old or is physically challenged. The dog must have completed at least 2B or above. Dogs that are physically challenged must be accompanied by a letter from a veterinarian stating that the dog is unable to perform jumping and/or retrieving exercises. A dog may not be shown in any other obedience class, once they have competed in the Veteran's class.
Exercises include: Heel off Leash; Figure 8 off Leash; Stand for Exam off Leash; Recall off Leash; One (1) (1) minute Sit Stay off Leash; Three (3) Minute Down Stay off Leash;

Tie scores in obedience competition will be broken as follows: a) scores will be compared beginning with the first exercise on the score sheet, the exhibitor with the highest score in that exercise will win, if first exercise is tied then we proceed down the score sheet through the successive exercises until a higher score prevails; b) if the scores are tied in each exercise, the first exercise on the score sheet will be repeated in its entirety, in order to determine a winner.

Agility Levels:

1A Obedience members are not allowed to show Agility at the State Fair. Dogs must be one (1) year old at the start of training to participate in Agility levels Beginning or above.

A dog may be entered in only one (1) agility class. Awards are granted by agility class regardless of dog size.

Beginning Open to dogs that have completed 1A or 1B. The course is simple and curved and contains basic jumps.

Beginning A is for teams in which neither the 4-H member nor dog have previously participated in agility. The course is run on leash. The team must use a 6-foot leash. This class is not repeatable.

Beginning B is for teams in which either the 4-H member or dog has previously participated in agility. The 4-H member may have participated with another dog, or the dog may have participated with another 4-H member. The course is run off leash. The dog should repeat Beginning B until it can perform Intermediate-level work.

Intermediate Open to those completing Beginning Agility. The course is more challenging with complex jumps and obstacles. Intermediate A & B are performed off lead.

Intermediate A is for 4-H members who have not participated in Intermediate agility in a previous year. The course is run off leash. This class is not repeatable.

Intermediate B is for 4-H members who have participated in Intermediate agility with the current or a different dog in a previous year. The course is run off leash. The dog should repeat Intermediate B until it can perform Senior-level work.

Advanced Open to members completing Intermediate Agility. The complex course includes Weave Poles and requires a high degree of handler and dog control. Advanced A & B are performed off lead.

Advanced A is for 4-H members who have not participated in Advanced agility in a previous year. The course is run off leash. This class is not repeatable.

Advanced B is for 4-H members who have participated in Advanced agility with the current or a different dog in a previous year. The course is run off leash. The dog should repeat Advanced B until it can perform Excellent-level work.

Excellence Open to members demonstrating proficiency in Advanced. While the equipment remains the same as Advanced, the complexity of the course increases to include multiple cross overs and traps. Excellence is performed off lead.

Class Excellent is for 4-H members and dogs exhibiting more advanced handling skills over the same obstacles as those in the Advanced classes. The course is run off leash.

A dog may be designated as Veteran Agility if it is at least seven (7) years old. A dog must always compete as a Veteran Agility once it has competed with that designation. A Veteran Agility Dog will compete at the next jump height lower than their actual height, in the appropriate Agility Level. Veteran Agility can be designated by the dog project leader due to a dog's health.

A flat quick release collar is required for agility, no tags are allowed on the agility collar. Tab leads are allowed during training sessions, but must not have a loop or handle on it; the tab lead must not be longer than 6 inches and cannot drag on the ground.

Attire for agility follows the 4-H standard for appropriateness. Clothing should be comfortable for running and bending. Exposing cleavage, a bare midriff, or buttocks is inappropriate. It is highly recommended that the handler wear shoes that will permit quick movement without slipping. Typically, this means the handler will wear athletic shoes or other flexible rubber-soled shoes. Boots with smooth soles, high heels, loose fitting shoes, sandals or flip flops, and other unsafe footwear will not be allowed either at practice or shows.

For the safety of the 4-H'er and dogs access to agility equipment will be limited if appropriate footwear is not worn or if appropriate collar and lead are not used.

Jump height is based upon the height of the dog as measured at the withers. Novice dogs do not jump. Jump Height divisions are:

4" - For dogs 11" and under at the withers.

8" - For dogs 14" and under at the withers.

12" - For dogs 18" and under at the withers.

16" - For dogs 22" and under at the withers.

20" - For dogs over 22" at the withers.

The pause table is set at the jump height. The long jump is set at twice the width of the height jumped (8", 16", 28", & 40").

Tie scores in agility competition will be broken by time.

Showmanship Divisions:

Novice **Novice division is a County Level Competition Only**. 4-H'ers with no previous Showmanship experience that have completed 1A or 1B obedience. Novice division will be broken down into the following classes:
Novice Junior – Grades 3, 4, 5
Novice Intermediate – Grades 6, 7, 8
Novice Senior – Grades 9, 10, 11, 12

Junior 4-H'ers Grades 3, 4, 5 with previous Showmanship experience who have completed 1A or 1B Obedience.

Intermediate 4-H'ers Grades 6, 7, 8 with previous Showmanship experience who have completed 1A or 1B Obedience.

Senior 4-H'ers Grades 9, 10, 11, 12 with previous Showmanship experience who have completed 1A or 1B Obedience.

The representative for Royal Showmanship will be the highest Showmanship score from participants in grades 9, 10, 11, 12, regardless of County Showmanship division completed.

Attire for Showmanship: The handler should appear neat and well-groomed. Girls must wear dresses, culottes, skirts (of knee length or longer), or dress pants. Tops must maintain an appropriate neckline and not show any skin at the lower edge. Boys must wear dress pants or slacks and dress shirts. Jacket and tie are optional. Blue jeans are not considered appropriate attire for the Showmanship ring. Clothing color should complement the dog, but not necessarily match the dog. Recommended shoes include tennis shoes or soft sole shoes. Loose fitting shoes, flip flops, sandals, high heels, smooth soled boots, or other unsafe footwear is inappropriate. Inappropriate attire includes hat, gloves, and clothing with commercial advertising, or jewelry that might disturb other competitors or dogs. Clothing should not distract, limit, or hinder the judge's view of the team. Handlers are to use good judgment concerning any makeup or accessories and in styling hair away from their face.

Tie scores in showmanship competition will be broken by a run off in the ring with the original judge. Handlers and their dogs should be scored on set up and gaiting.

HORSE AND PONY

(See General Livestock rules on page 131)

Project Description:

PROJECT SUPERINTENDENT:		Bruce Stewart, 317-402-6539, s4finc@gmail.com
EXHIBIT CHECK-IN:		Wednesday, July 15, 4-8 PM
JUDGING:	English Show	Thursday, July 16, ***10 AM***, Open Judging
	Western Show	Friday, July 17, 10 AM, Open Judging
	Dressage	Saturday, July 18, 8 AM, Open Judging
	Contesting	Saturday, July 18, 6 PM, Open Judging
	Hunter Show	Sunday, July 19, 10 AM Open Judging
	Jumper Show	Sunday, July 19, 30 minutes after the Hunter Show
	Versatility	Monday, July 20, 10 AM, Open Judging
RELEASE TIME:		Tuesday, July 21, 7 AM - Noon, All Non-Auction live stock released
STATE FAIR ENTRIES:		All livestock for STATE FAIR must be properly identified and enrolled. State Fair entry deadline is July 1.

The 4-H Horse & Pony educational program and related activities (such as workshops, tours, etc.) provide youth a fun and hands-on learning experience which develops both Horse and Pony subject skills (such as nutrition, housing, and health care) and life skills (such as responsibility, decision-making, nurturing, and communications).

Levels:

Junior	**Grades 3-5**
Intermediate	**Grades 6-8**
Senior	**Grades 9-12**

Project Guidelines:

- In each project manual level complete a minimum of four (4) different activities each year. These activities can include the "Spur You On" activities.
- 4-H'er will use and complete one (1) project manual in three (3) years. (You will use the books according to your grade as of January 15 of the current year).
- Complete the Horse & Pony record sheet.
- If all project requirements are not fulfilled, the exhibitor will not be eligible to place higher than any other exhibitor who has fulfilled all project requirements.

4-H HORSE AND PONY:

Exhibit Requirements:

Ownership / Lease deadline – **May 15, 2020**

- All 4-H horses and ponies must have a completed online livestock ID by May 15, 2020. Photo of the front, side, and rear must be submitted for each animal enrolled. Photo identification is required for both County and State Fair eligibility. An Animal Location form must be turned into the Extension Office by May 15, 2020.

- 4-H members may enroll up to five (5) horses on the State Horse and Pony 4-H Online, but may only stall up to three (3) horses during the county fair.

4-H Fair:

- Exhibitors must present their horses for ID verification prior to stabling or showing. Verification procedures will be announced at the pre-fair barn meeting.
- No horse or pony may be exhibited showing any symptoms of any communicable disease.
- Siblings may share a project animal as long as each child completes an 4-H Online livestock entry for that animal.
- Shared animals will be judged only once per class.
- If at any time the animal and/or exhibitor cause an unsafe environment for the public, youth and/or the exhibitor and/or the animals, they may be asked to leave the fairgrounds immediately. Upon review by the Horse and Pony Superintendent and/or the 4-H Council, an exhibitor may lose county 4-H Horse & Pony privileges. This includes Horse & Pony workshops, practices, clinics, 4-H fair participation, etc.
- If the 4-H Horse & Pony Superintendent determines at any time that an exhibitor is not taking proper care of their animal, the exhibitor and the animal may be asked to leave the county fairgrounds.

Animal exhibitors have the option of exhibiting a poster in place of, or in addition to exhibiting an animal. The poster should cover a topic of one (1) of the activities or learning experiences in the completed grade level of the project manual. Posters must follow poster rules, Page 30, #15. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author. A champion poster will be chosen in each level (Junior, Intermediate, and Senior) for each animal species (Example: Dog, cat, goat, sheep, etc.) A Grand Champion poster will be selected from all eligible Champion animal posters.

4-H HORSE & PONY SHOW
GUIDELINES & EXPLANATIONS

Except as specified, The County 4-H Horse & Pony Show will be conducted according to the current Indiana 4-H Horse & Pony Handbook. Exhibitors should consult this Handbook for the specific rules governing eligibility, class procedure, tack, attire and behavioral expectations.

- First and foremost all exhibitors, parents, and spectators will conduct themselves as ladies and gentlemen. They will be expected to conduct themselves in such a manner as to set a good example for other 4-H exhibitors and other spectators at the show. Impolite behavior, poor sportsmanship and/or disruptive actions, (as deemed by the show management) will result in disqualification and/or removal from the grounds.
- ASTM or SEI standard F1163 (or above) certified equestrian helmets must be worn by all 4-H members whenever mounted, or driving a horse in any 4-H activity on or off of the 4-H grounds. The 4-H member is responsible to see that the specified headgear is properly fitted with the approved harness in place and fastened. Original certification tags must be in the helmet.
- Exhibitors must use the back number issued by the fair at check-in.
- All 4-H riders and personnel must wear proper footwear of Western, Hunt, or Jodhpur boots with heels. Sport riding shoes will not be accepted.
- Only 4-H Horse & Pony members may ride or drive 4-H animals on the 4-H Grounds.
- Only 4-H Horse & Pony Exhibitors and approved volunteers may be in the arena during workshops and fair events.
- Stallions may only be shown in 4-H through their weanling year.
- Classifications:
  Animal:
  For age determination, all animals will be assumed to have been born on January 1st of the year foaled.

Exhibitor:
Your grade is determined by your grade on January 15th of the current year. If you were in 3rd grade on January 15th of the current year, you will be considered to be in 3rd grade through the State Fair, etc.

Where three (3) divisions are specified:
Junior Exhibitor- grades 3-5
Intermediate Exhibitor- grades 6-8
Senior Exhibitor- grades 9-12

Where two (2) divisions are specified:
Junior Exhibitor- grades 3-7
Senior Exhibitor- grades 8-12

- WALK-TROT BEGINNER: Any age rider/horse that is not ready to lope or canter may enter a Walk-Trot Beginner class. These classes will be judged at the walk – jog/trot only. Exhibitors who enter a Walk-Trot Beginner Class will not be eligible to enter any class requiring a lope or canter in the same discipline.
- All class entries must be made by 6:00 PM the day before the show. A class entry list will be posted the day of the show, no later than two (2) hours before the start of the show. Exhibitors will have one (1) hour to review the class list and to make corrections, additions, scratches. Exhibitors already entered may add a class; however, no new entries will be accepted the day of the show. All classes will be closed thirty (30) minutes prior to the start of the show.
- Questions or issues that arise during the show regarding class entries must be taken to the show office.
- Exhibitors are required to report to the make-up pen one (1) class prior to the class they are entered in, unless 4-H member is participating in another 4-H event on the fairgrounds. The arena gate will not be held for late arrivals.
- Tack changes must be reported to the gate, or show office at least one (1) class prior to the needed tack change.
- Scratches should be reported to the gate or the show office.
- The Hamilton County 4-H Horse complex is an outdoor venue and is therefore subject to the prevailing weather conditions throughout the fair. All shows will be conducted as scheduled with the following exceptions:
    - Rain- In the event of rain, the show will proceed as scheduled as long as the intensity of the rain does not present a danger to exhibitor, animal, spectators, and staff. If it is determined that an unsafe condition exists due to the rain, the show will be suspended until it can be safely resumed. If the show can be safely resumed, it will continue from the point at which it was suspended and run until concluded, until its scheduled end time, or until 11:30 PM. If all classes have not been completed by the scheduled end time, or by 11:30 PM, that class will finish. The rest of the classes for that show will be canceled.
    - Lightning- In the event of lightning, the show will be halted immediately. All exhibitors will be asked to dismount and the grand stands will be cleared. The show will be suspended for a minimum of 20 minutes and may not resume until 20 minutes after the last visible flash of lightning. If the show can be safely resumed, it will continue from the point at which it was suspended and run until concluded, until its scheduled end time, or until 11:30 PM. If all classes have not been completed by the scheduled end time, or by 11:30 PM, that class will finish. The rest of the classes for that show will be canceled.
    - Excessive Heat- In the event of extremely high temperatures, or a heat index that triggers excessive heat advisories from the National Weather Service, additional breaks will be added to the show schedule to provide additional opportunities for rest and hydration. At the discretion of the judge, some clothing requirements (jackets and long sleeve shirts) may be waived. Under no circumstance will the helmet requirement ever be waived.
- Riders must have their mount under control at all times. In the show ring, animals must perform in a manner that does NOT endanger their exhibitor or other participants. Rearing, biting or kicking, unsafe passing and excessive speed (in classes not requiring speed) may result in the exhibitor being excused from the class. Animals known to kick should be identified with a red ribbon in their tail. Each exhibitor is responsible for his or her animals' behavior. If at any time the animal or the exhibitor cause an unsafe environment for the public, youth, and /or the exhibitor, and or the animals, they may be asked to leave the 4-H Grounds immediately.

- **JUDGES DECISION IS FINAL** - To file a protest or grievance, please refer to page 14 of the current Hamilton County 4-H Handbook.

SELECTION OF THE HORSE & PONY REPRESENTATIVE FOR SUPREME SHOWMANSHIP

Eligibility Requirements for Supreme Showmanship

The Horse and Pony representative in the Supreme Showmanship Contest must show in one or more of the following classes: Saddle Seat Showmanship at Halter; Hunter type Showmanship at Halter, Senior Level Exhibitor; and Western Showmanship at Halter, Senior Level Exhibitor.

Scoring for Supreme Showmanship Representative

First place winners in the above named classes will receive ten (10) points. Second place winners will receive eight (8) points. Third place winners will receive seven (7) points. Fourth place winners will receive six (6) points. Fifth place winners will receive five (5) points. The Horse and Pony Supreme Showmanship representative will be the member with the most accumulated points upon the completion of the last qualifying showmanship class.

Provisions for Supreme Showmanship Representative selection in the event of a tie

A ten-year member will have first priority in the event of a tie. If there is no ten-year member, a member in his/her final year will have first priority. If a tie still exists, the Horse and Pony Superintendent will randomly select one (1) of five (5) Supreme Showmanship questionnaires on file in the Fair Office for the members to answer during the first available break. Each correctly answered question will receive one (1) point. The member with the most points will be the Supreme Showmanship Representative.

HAMILTON COUNTY 4-H HORSE COMPLEX RULES

- **NO SMOKING IN ANY 4-H BUILDINGS; INCLUDES HORSE BARN, SHOW OFFICE & ANNOUNCER'S TOWER**
- Stall space will be allocated as follows:
    - First Priority will be given to exhibitors who are stabling their horses during the entire fair. Those members who stable their horse for the entire fair must abide by the 4-H livestock rules: animals arrive from 2-8 p.m. on Wednesday, July 15, 2020 and must remain on the grounds until released on Tuesday, July 21, 2020 from 7 a.m. to noon.
        - Stalls will be assigned after the barn meeting on fair set-up day, Saturday July 11, 2020 as follows:
            - 10 year members who have attended a designated work day
            - Members who have attended a designated work day
            - 10 year members who have not attended a designated work day
            - Members who have not attended a designated work day
    - Second Priority will be given to any assisted riding horses which will be exhibited during the English riding show
    - Third Priority will be given to exhibitors wanting a stall for the day. These stalls (if any are available) will be assigned on a first come, first served basis the day of the show.

- Only horses assigned stalls may be in the barn or under the tent.
- Stall and the area in front of the stall must be kept neat and clean. Stall drapes/curtains are not permitted. Stall decorations will be limited to the stall card, poster with photos of the project animal and exhibitor, 4-H ribbons and award banners earned at the current year fair. Commercial advertising is not permitted in project exhibit areas.
- The center aisle of the barn and tent must be kept clear by order of the Fire Marshal. Feed, hay, and tack may not be kept in these areas. There is no storage above the stalls. Storage arrangements will be announced at the barn meeting.
- Playing in the stalls or running in the barn or tent will not be allowed.
- Stalls are to be cleaned daily. Manure and wet bedding are to be dumped in the manure pit at the south end of the barn. Spot checks will be made daily. Stalls must be stripped (cleaned completely) before check-out. Members who fail to maintain a clean stall, or fail to strip their stall will lose stabling privileges the following year.
- Horses must be fed, watered, and exercised twice daily.
- Horses must be kept in their stall when not being washed, tacked, shown or exercised
- Water buckets must be of heavy rubber, fiberglass, or heavy plastic with good handles and must be HUNG in the stall. Feed containers must be of similar construction and hung in the stall or removed when not in use. Halters and lead ropes must be easily accessible at all times, in case of emergency.
- No riding, mounting, or dismounting in the barn or tent.
- Over-night parking or camping is not permitted during the 4-H Fair. All persons must be off of the grounds by 12:00 a.m.
- Trailered animals arrive and leave the day they are shown and are shown from the trailer or day stall (if available). Parking for trailered animals and their towing vehicle will be south of the Horse Complex and under the direction of the parking committee.
- All other vehicles, including unhooked trailers, trucks, cars and RV's must be parked in designated areas only. "No Parking" areas are marked and will be enforced.
- All lunging, exercising, and riding must be in the PRACTICE or MAIN ARENA. HORSES MUST REMAIN INSIDE THE FENCED HORSE & PONY COMPLEX, EXCEPT FOR THOSE THAT ARE BEING SHOWN FROM THE TRAILER.
- HORSES BEING SHOWN FROM THE TRAILER: May be ridden outside the fenced area ONLY WHEN GOING TO AND FROM THE TRAILER and may not be ridden faster than a trot while going to and from the trailer. HORSES SHOWN FROM THE TRAILER MUST NEVER BE LEFT IN OR TIED TO THE TRAILER WITHOUT SUPERVISION. They must have an adequate water supply available when not showing.
- No other animals are allowed in the Horse & Pony Complex, including dogs.
- Exhibitors may not ride their horse faster than a trot within the Horse & Pony Complex except in the Main or Practice arena.
- All horses will be physically inspected at check-in, and may be rejected or removed due to health issues at any time during the fair.

2020 HAMILTON COUNTY 4-H HORSE AND PONY SHOWBILL
4-H ENGLISH SHOW Thursday, July 16, 2020 10:00 a.m.
Breaks to be announced

Halter Classes
01. Saddle Type Pony Halter (All Ages)
02. Saddle Type Mare Halter (All Ages)
03. Saddle Type Gelding Halter (All Ages)
GC-01 Grand Champion and Reserve Grand Champion Saddle Type Halter Horse
04. Saddle-Seat Showmanship at Halter, All Ages
05. Hunter Type Pony Halter, Mares, All Ages
06. Hunter Type Pony Halter, Geldings, All Ages
GC-02 Grand Champion and Reserve Grand Champion Hunter Pony at Halter
07. Hunter Type Mare Halter Five (5) Years and Younger
08. Hunter Type Mare Halter Six to Ten (6 - 10)Years
09. Hunter Type Mare Halter Eleven (11) Years and Older
10. Hunter Type Mare & Foal (Winners of this class not eligible to show for Grand and Reserve Grand Champion)
GC-03 Grand Champion and Reserve Grand Champion Hunter Type Mare
11. Hunter Type Gelding Halter, Five (5) Years and Younger
12. Hunter Type Gelding Halter Six to Ten (6 - 10)Years
13. Hunter Type Gelding Halter Eleven (11) Years and Older
GC-04 Grand Champion and Reserve Grand Champion Hunter Type Gelding
14. Hunter Type Showmanship at Halter (Junior Exhibitor, grades 3-5)
15. Hunter Type Showmanship at Halter (Intermediate Exhibitor, grades 6-8)
16. Hunter Type Showmanship at Halter (Senior Exhibitor, grades 9-12)
GC-05 Grand Champion and Reserve Grand Champion Hunter Type Showmanship
Performance Classes
17. Pleasure Driving, all ages, horse and pony
18. Walk-Trot English Pleasure, Saddle Seat, Open
19. Gaited Horse English Pleasure
20. Saddle Seat English Pleasure, Open
21. Walk-Trot Equitation, Saddle Seat, Open
22. Saddle Seat Equitation, Open
23. Pony Hunter Under Saddle
24. Walk-Trot Hunt Seat Pleasure, Beginner (Horse or Pony, Exhibitors all ages, eligible to show only in other walk-trot classes)
25. Walk-Trot Hunt Seat Pleasure, Open
26. Hunter Under Saddle, Junior Exhibitor (grades 3-5)
27. Hunter Under Saddle, Intermediate Exhibitor (grades 6-8)
28. Hunter Under Saddle, Senior Exhibitor (grades 9-12)
GC-06 Grand and Reserve Grand Champion Hunter Under Saddle
29. Walk-Trot Hunt Seat Equitation, Beginner (Horse or Pony, Exhibitors all ages, eligible to show only in other walk-trot classes)
30. Hunt Seat Equitation, Junior Exhibitor (grades 3-5)
31. Hunt Seat Equitation, Intermediate Exhibitor (grades 6-8)
32. Hunt Seat Equitation, Senior Exhibitor (grades 9-12)
GC-07 Grand and Reserve Grand Champion Hunt Seat Equitation

4-H WESTERN SHOW Friday, July 17, 2020 10:00 a.m.
Breaks to be announced

Halter Classes
Mares & Geldings 56" & under

33. Pony Mares, All Ages
34. Pony Geldings, All Ages
35. Mare & Foal (Winners of this class not eligible to show for Grand and Reserve)

GC-08 Grand Champion and Reserve Grand Champion Western Pony

36. Fillies, Five (5) Years Old & Younger
37. Mares, Six to Ten (6 -10)Years
38. Mares, Eleven (11) Years & Older
39. Mare & Foal (Winners of this class not eligible to show for Grand or Reserve)

GC-09 Grand Champion and Reserve Grand Champion Western Mare

40. Geldings, Five (5) Years Old & Younger
41. Geldings, Six to Ten (6 - 10)Years
42. Geldings, Eleven (11) Years and Older

GC-10 Grand Champion and Reserve Grand Champion Western Gelding

43. Western Showmanship at Halter (Junior Level Exhibitors, grades 3-5)
44. Western Showmanship at Halter (Intermediate Level Exhibitors, grades 6-8)
45. Western Showmanship at Halter (Senior Level Exhibitors, grades 9-12)

GC-11 Grand Champion and Reserve Grand Champion Western Showmanship at Halter
Performance Classes

46. Trail, Junior Exhibitor (Exhibitors in grades 3-5) Any Size Animal
47. Trail, Intermediate Exhibitor, (Exhibitors in grades 6-8) Any Size Animal
48. Trail, Senior Exhibitor, (Exhibitors in grades 9-12) Any Size Animal
49. Western Pleasure Pony, 56" & Under, Exhibitors All Ages
50. Western Pleasure Walk-Trot, Beginner (Horse or Pony Exhibitors All Ages, Eligible to show only in other walk-trot classes)
51. Western Pleasure Walk-Trot, Open (Exhibitors in class 17 not eligible)
52. Gaited Horse Western Pleasure
53. Western Pleasure Horse, Junior Exhibitor (Exhibitor grades 3-5)
54. Western Pleasure Horse, Intermediate Exhibitor (Exhibitor grades 6-8)
55. Western Pleasure Horse, Senior Exhibitor (Exhibitor grades 9-12)

GC-12 Grand Champion and Reserve Grand Champion Western Pleasure

56. Western Horsemanship, Walk-Trot, Beginner (Horse or Pony, Exhibitors All Ages, eligible to show only in other walk-trot classes)
57. Western Horsemanship, Junior Exhibitor (Exhibitor grades 3-5)
58. Western Horsemanship, Intermediate Exhibitor (Exhibitor grades 6-8)
59. Western Horsemanship, Senior Exhibitor (Exhibitor grades 9-12)

GC-13 Grand Champion and Reserve Grand Champion Western Horsemanship

60. Reining (4-H Pattern)
61. Western Riding (4-H Pattern)

4-H DRESSAGE SHOW Saturday, July 18, 2020 8:00 a.m.

Registration for Dressage classes will close on Friday July 17, 2020 at 5:00 p.m.

Introductory Level

62. USDF 2011 Introductory Test A
63. USDF 2011 Introductory Test B
64. USDF 2011 Introductory Test C

Training Level

65. USDF 2011 Training Level Test 1
66. USDF 2011 Training Level Test 2
67. USDF 2011 Training Level Test 3

First Level
68. USDF 2011 First Level Test 1
69. USDF 2011 First Level Test 2
70. USDF 2011 First Level Test 3

Each horse/rider combination may enter a maximum of three (3) classes (all in one (1) level or a combination of two (2) consecutive levels).

Each class will be pinned separately. Ties within a class will be broken as follows:
1. The higher total collective marks will win. If these are equal:
2. The higher free walk score will win. If these are equal:
3. The higher total rider collective marks will win. If these are equal:
4. The higher submission score will win. If these are equal:
5. The judge will determine the winner.

The two (2) riders with the highest scores from each level will be named Champion & Reserve Champion for that level. In the event of a tie, the score from the "higher" test of the level will prevail.

4-H CONTESTING SHOW Saturday, July 18, 2020 6:00 p.m.

71. Pole Bending (Pony) Junior Exhibitor (grades 3-5)
72. Pole Bending (Pony) Intermediate Exhibitor (grades 6-8)
73. Pole Bending (Pony) Senior Exhibitor (grades 9-12)

Champion and Reserve Pony Pole Bending (determined by fastest times, no runoffs, classes 36 and 37)

74. Pole Bending (Horse) Junior Exhibitor (grades 3-5)
75. Pole Bending (Horse) Intermediate Exhibitor (grades 6-8)
76. Pole Bending (Horse) Senior Exhibitor (grades 9-12)

Champion and Reserve Horse Pole Bending (determined by fastest times, no runoffs, classes 38 and 39)

77. Barrel Race (Pony) Junior Exhibitor (grades 3-5)
78. Barrel Race (Pony) Intermediate Exhibitor (grades 6-8)
79. Barrel Race (Pony) Senior Exhibitor (grades 9-12)

Champion and Reserve Pony Barrel Race (determined by fastest times, no runoffs, classes 40 and 41)

80. Barrel Race (Horse) Junior Exhibitor (grades 3-5)
81. Barrel Race (Horse Intermediate Exhibitor (grades 6-8)
82. Barrel Race (Horse) Senior Exhibitor (grades 9-12)

Champion and Reserve Horse Barrel Race (determined by fastest times, no runoffs, classes 42 and 43)

83. Flag Race (Horse or Pony) Junior Exhibitor (grades 3-5)
84. Flag Race (Horse or Pony Intermediate Exhibitor (grades 6-8)
85. Flag Race (Horse or Pony) Senior Exhibitor (grades 9-12)

Champion and Reserve Pony Flag Race (determined by fastest times, no runoffs, classes 44 and 45)

86. Keyhole Race (Horse or Pony) Junior Exhibitor (grades 3-5)
87. Keyhole Race (Horse or Pony) Intermediate Exhibitor (grades 6-8)
88. Keyhole Race (Horse or Pony) Senior Exhibitor (grades 9-12)

Champion and Reserve Horse Keyhole Race (determined by fastest times, no runoffs, classes 46 and 47)

4-H HUNTER SHOW Sunday, July 19, 2020 10:00 a.m.

89. Hunter Hack – Pony – rails 2'
90. Hunter Hack – Horse – rails 2'6"
91. Junior Beginner Hunter – Cross Poles
92. Intermediate Beginner Hunter—Cross Poles
93. Senior Beginner Hunter – Cross Poles

94. Warm-up Class - Rails 18”
95. Junior Beginner Hunter - Rails 18”
96. Intermediate Beginner Hunter - Rails 18”
97. Senior Beginner Hunter - Rails 18”
98. Junior Beginner Equitation Over Fences - Rails 18”
99. Intermediate Beginner Equitation Over Fences - Rails 18”
100. Senior Beginner Equitation Over Fences - Rails 18”
101. Warm-up Class - Rails 2’
102. Junior Exhibitor Intermediate Hunter - Rails 2’
103. Intermediate Exhibitor Intermediate Hunter - Rails 2’
104. Senior Exhibitor Intermediate Hunter - Rails 2’
105. Warm-up Class - Rails 2’6”
106. Junior Exhibitor Working Hunter - Rails 2’6”
107. Intermediate Exhibitor Working Hunter - Rails 2’6”
108. Senior Exhibitor Working Hunter - Rails 2’6”
109. Junior Exhibitor Advanced Hunter - Rails 2’9”
110. Intermediate Exhibitor Advanced Hunter - Rails 2’9”
111. Senior Exhibitor Advanced Hunter - Rails 2’9”
112. Junior Exhibitor Equitation Over Fences - Rails 2’ - 2’9”
113. Intermediate Exhibitor Equitation Over Fences - Rails 2’ - 2’9”
114. Senior Exhibitors Equitation Over Fences - Rails 2’ - 2’9”

4-H JUMPER SHOW Sunday, July 19, 2020 (30 minutes after last Hunter Class)

115. Warm-up Class - 2’
116. Junior Exhibitor Beginner Jumper - 2’
117. Intermediate Beginner Jumper - 2’
118. Senior Beginner Jumper - 2’
119. Junior Exhibitor Low Jumper - 2’3”
120. Intermediate Exhibitor Low Jumper - 2’3”
121. Senior Exhibitor Low Jumper - 2’3”
122. Junior Exhibitor Intermediate Jumper - 2’6”
123. Intermediate Exhibitor Intermediate Jumper - 2’6”
124. Senior Exhibitor Intermediate Jumper - 2’6”
125. Junior Exhibitor Advanced Jumper - 2’9”
126. Intermediate Exhibitor Advanced Jumper - 2-9”
127. Senior Exhibitor Advanced Jumper - 2’9”

Hunter:
Exhibitors entered in a beginner Hunter Class may NOT enter a class with a rail height greater than 2’.

Jumpers:
Exhibitors entered in a beginner Jumper Class may NOT enter a class with a rail height greater than 2’3”.

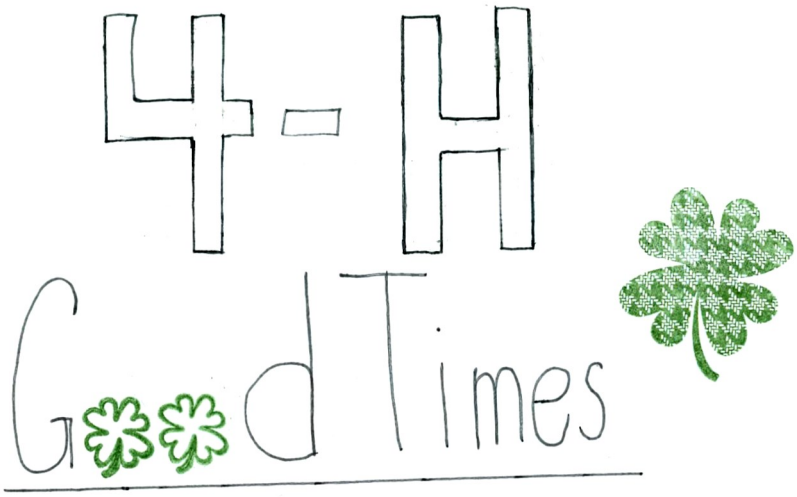
TWENTY SIXTH ANNUAL 4-H VERSATILITY SHOW
Monday, July 20, 2020 10:00 a.m.

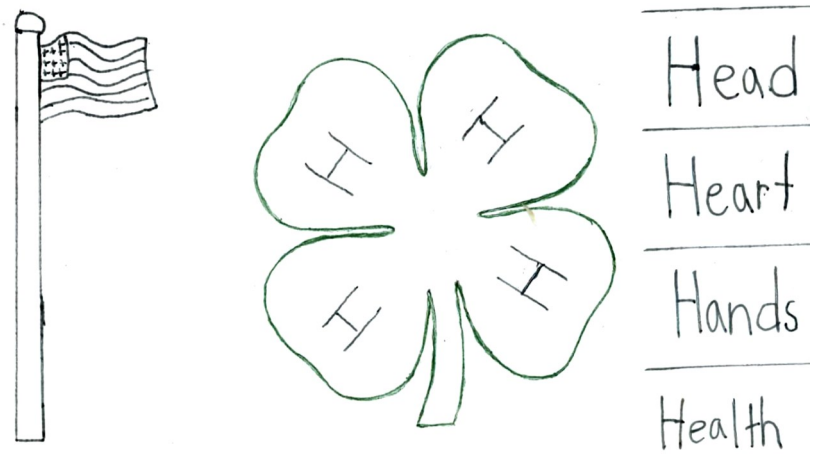
128. Showmanship (English or Western)
129. Western Horsemanship
130. English Equitation
131. English Pleasure
132. Western Pleasure
133. Barrel Race (Any style/equipment)

Versatility Show Rules

- Contestants will compete in two (2) of the first three (3) classes (128,129,130) and two (2) of the last three (3) classes (131,132,133)
- Arena will be cleared between classes and contestants given seven (7) minutes for tack and clothing changes (time may be extended if warranted due to weather conditions). Gate will then be closed.
- Contestants must use the same identified 4-H project animal in all versatility classes.
- Refer to the "Indiana 4-H Horse & Pony Handbook" for tack and clothing requirements.
- The judge will select ten (10) places in each class and awards will be given. First place will be worth a maximum of ten (10) points, second place nine (9) points, etc. Ten (10) places will be awarded to the finalists. Ties will be broken as follows:

  Contestants placing in the most events
  Contestants with the most first places
  Contestants with the most second places, etc.





Illustrated by: Tyler Jaeger

LLAMA
(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:		Marilyn Nenni, 317-418-2258, llamas@shagbarkridge.com
EXHIBIT CHECK-IN:	Llama Craft and Llama Poster	Sunday July 12, 4-6 PM
	Llamas	Wednesday, July 15, 9-11 AM
JUDGING:	Llama Craft	Monday, July 13, 8:30 AM Open Judging
	Llama Poster	Monday, July 13, 8:30 AM Closed Judging
	Llama Senior Showmanship	Thursday, July 16, 9:30 AM
	Pack Obstacle Class	Thursday, July 16, 1:30 PM
	Llama Intermediate Showmanship	Friday, July 17, 9:30 AM
	Llama PR Obstacle Class	Friday, July 17, 1:30 PM
	Llama Costume Class	Friday, July 17, 5 PM
	Leaping Llama Exhibition	Friday, July 17, 6 PM
	Walk-A-Llama (Public Participation)	Friday, July 17, 7:30 PM
	Llama Junior Showmanship	Saturday, July 18, 9:30 AM
	Llama Field Obstacle	Saturday, July 18, 1:30 PM
	Walk-A-Llama (Public Participation)	Sunday, July 19, 1 PM
	Parent Llama Show	Sunday, July 19, 2:30 PM
	Llama Youth Judging Class	Monday, July 20, 10 AM
RELEASE TIME:		Monday, July 20, after Royal Showmanship
STATE FAIR ENTRIES:		All livestock for STATE FAIR must be properly identified and enrolled by May 15th in 4-H Online system. State Fair entry deadline is July 1.

Project Description:
The 4-H Llama educational program and related activities provide youth a fun and hands-on learning experience which develops both llama subject skills (such as nutrition, housing, and health care) and life skills (such as responsibility, decision-making, nurturing, and communications). If you are interested in leasing a llama, contact the Extension Office for more information.

Levels:

Junior	**Grades 3-5**
Intermediate	**Grades 6-8**
Senior	**Grades 9-12**

Project Guidelines:

- Complete Llama Record Book for the llama exhibited that year. Also complete four (4) activities each year in the current Llama Activity book for your age group. Turn into your 4-H Club Leaders.

General Rules:

- All project guidelines must be fulfilled and turned in by the stated deadline to complete the llama project. Exhibiting a llama at the fair is encouraged, but not mandatory in order to complete the llama project. If all project requirements are not fulfilled by the stated deadline, the exhibitor will not be eligible to place higher than any other exhibitor who has fulfilled all project requirements.
- In place of exhibiting a llama at the fair, a poster covering a llama topic could be exhibited at the fair.
- Llama exhibitors also have the option of completing a poster in addition to exhibiting a llama at the fair. The poster must be on a llama topic. The poster must comply with poster rules. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.
- A Champion poster will be chosen in each level (Junior, Intermediate, and Senior) for each animal species (Example: Dog, cat, goat, sheep, etc.). A Grand Champion animal poster will be selected from all eligible Champion animal posters.
- A 4-H'er may enroll and show only one (1) llama at the Hamilton County 4-H Fair.
- A llama may be owned and kept at the 4-H'ers farm. A llama may be owned and boarded at another location. A llama may be leased by the 4-H'er. For leasing information, contact the Extension Office.
- For the Hamilton County 4-H Fair only, a llama may be shared by up to three (3) 4-H'ers in different classes.

- To show at the Indiana State Fair, all 4-H llamas must have a completed online livestock ID/enrollment form by May 15, 2020. Photo of animal's face and all four (4) feet must be included. This llama may NOT be dual enrolled by another 4-H'er, unless by a sibling.
- An Animal Location and Identification Form, must be turned into the Extension Office by **MAY 15, 2020.** A County Fair class registration form must be turned into the Extension Office by July 1, 2020 in order for the 4-H'er to be eligible to show at the Hamilton County 4-H Fair. No changes may be made, either with the animal or with classes, after this date. In the case of severe illness, severe injury, or death, proposed changes must be brought before the llama project leaders and reviewed for approval prior to the date of the fair.
- For the safety of all exhibitors and orderly conduct in the show ring, a 4-H'er may not show an intact male that is 24 months of age or older as of the day of the show. A female or gelding of any age may be shown.

At the Hamilton County 4-H Fair, performance, youth judging, costume, and showmanship classes are as follows:

- Junior - 3rd, 4th, and 5th grade
- Intermediate - 6th, 7th, and 8th grade
- Senior - 9th, 10th, 11th, and 12th grade

NOTE:
Each showmanship class level will be broken down into heats, if necessary. The judge will select any number of participants from each heat to advance to the final heat. The final grand drive heat would result in the placing of a Grand Champion, a Reserve Grand Champion, and placing one to ten (1-10) per showmanship level (Junior, Intermediate, and Senior). The Grand Champion of Senior Showmanship will be the llama representative to Royal Showmanship.

- Prior to the Fair, attendance and involvement in the "Set-up" activities at the fairgrounds are strongly encouraged.
- Adequate stalling will be provided for all animals.
- At the conclusion of the 4-H Fair, attendance and involvement in the "Tear Down and Clean Up" activities at the fairgrounds is strongly encouraged.
- All animals exhibited at the 4-H Fair must meet Board of Animal Health (BOAH) requirements. Requirements are updated annually and available at www.in.gov/boah.

Exhibit Requirements:

- See "general livestock rules" in the Handbook.
- See "animal care and animal environment policy" as well as "adequate care for animals" in the Fair book.
- All exhibitors must remain until check-out time to help with stall clean-up and show area take down.
- For safety, shoes must be appropriate for the show ring. Open toed or open heeled shoes, sandals, and bare feet will disqualify the exhibitor.
- Show Attire: Llama exhibitors are strongly encouraged to wear appropriate attire in the show ring:
    - Performance classes allow casual dress or their club shirts. It is strongly encouraged exhibitors not wear tank tops, midriff tops, halter tops, baggy pants, extremely short shorts, or tops with spaghetti straps. The judge may deduct points for inappropriate dress.
    - It is strongly suggested for Showmanship that exhibitors wear dress slacks or skirt, blouse or shirt with collar, and dark shoes or boots. The show outfit may be accented with a colored vest or tie. No tennis shoes or jeans. The judge will use these guidelines as criteria for final placements.

Llama Wool Project (Optional): Open Judging

- Exhibit a finished llama wool item/article. Items shall be handmade of at least 75% llama fiber. Finished items may be woven, knitted, crocheted, wet felted or needle felted, or any combination of these applications.

- Llama Wool Project is open to any 4-H'er. The exhibitor does not have to be enrolled in the Llama Project.
- Llama Wool Project is a separate project from Arts & Crafts and is not considered as one of the four (4) specific craft areas as defined in the Arts & Crafts project – see Arts & Crafts.
- Llama/Alpaca Fiber Crafts - Exhibit will be judged on craftsmanship only. Crafts must have been made within one (1) year of exhibit. Any craft item constructed with llama or alpaca fiber may be entered. Craft may also contain other materials. Fiber may be processed (felted, spun, etc.) or unprocessed, and may be originated from any llama or alpaca. Exhibits will consist of one (1) completed craft item, which can be a single item or a set. If selected for State Fair a notebook explaining how the craft was made is required.
- All projects will be judged by age division only.
- One (1) project per exhibitor will be allowed to show at the fair.
- Craft cards: 4-H members enrolled in the Llama Wool Project must complete and attach a craft card to their exhibit. Cards are available in the Extension Office or through your project or club leader.
- Age division champions are eligible for State Fair.
- All appropriate projects should be ready to hang.
    - No unfinished llama wool projects will be exhibited.
    - All exhibits must be ready for use.
    - Records must be complete for project to be judged.
    - No item will be accepted after judging occurs.

<u>4-H Llama Show Class Descriptions:</u>

Showmanship Class:

Judged on how well the 4-H'er reacts with the llama and how well the llama is trained as it is presented at its best advantage to the judge. Exhibitor must demonstrate basic skills in presenting the animal to the judge, grooming, and following directions. Control of the llama and knowledge of anatomy/physiology is important. The llama's conformation is not considered. The handler's attire should be neat, clean, and appropriate for the class. A good showman is polite and courteous to other exhibitors, displays good sportsmanship, and pays attention to both the animal and to the judge at all times.

Obstacle Performance Classes:

Field Obstacle Class: Judging centers on how well the obstacles are negotiated by the 4-H'er and the llama. How well the 4-H'er and llama work together is very important. This competition also examines the llama's trust in its handler, while using its own intelligence to evaluate tackling each obstacle.

PR (Public Relations) Obstacle Class: This class demonstrates the llama's ability and willingness to negotiate any obstacle and situation that relates to the animal's participation in community events such as parades or festivals, visits to schools, nursing homes, hospitals, etc.

Pack Class: Pack class focuses on the llama as a beast of burden and shows the llama's willingness and ability to negotiate obstacles while carrying packs. This class carries no weight in the packs, but they are filled-out with a lightweight material to simulate the bulk of a full pack.

Costume Class:

The exhibitor decides on a theme and dresses him/herself and the llama to illustrate the chosen theme. The llama can be presented with music or written script. The llama must be taught to accept the costume. Class placement will be based on originality, creativeness, and the coverage of the costume on sensitive areas of the animal such as its head, back, legs, ears, etc.

Judging:

This class focuses on offering the youth an opportunity to recognize correct conformation, showmanship skills, and performance skills while judging llama classes.

- Each 4-H exhibitor will place a halter class of four (4) animals based on correct conformation, movement, tracking, and balance; a showmanship class of four (4) exhibitors; and an obstacle class of four (4) exhibitors.
- Exhibitor's scores will be tallied and compared to the official judge's scores to determine final placing for this class.

MEAT GOATS
(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:	Sarah Reel, 317-654-7127, sreel@rfemail.com
EXHIBIT CHECK-IN:	Wednesday, July 15, 2-8 PM
JUDGING:	Friday, July 17, ***6 PM***, Open Judging
RELEASE TIME:	Tuesday, July 21, 7 AM– Noon, All Non-Auction livestock released
AUCTION:	Tuesday, July 21, 5:30 PM
STATE FAIR ENTRIES:	All livestock for STATE FAIR must be properly identified and enrolled. State Fair entry deadline is June 1.

Project Description:
The 4-H Goat educational program and related activities (such as workshops, tours, etc.) provide youth a fun and hands-on learning experience which develops both goat subject skills (such as nutrition, housing, and health care) and life skills (such as responsibility, decision-making, nurturing, and communication).

Levels:

Junior	**Grades 3-5**
Intermediate	**Grades 6-8**
Senior	**Grades 9-12**

Project Guidelines:

- To exhibit at the county and state fair 4-H members showing beef cattle, dairy cattle, dairy goats, meat goats, poultry, rabbits, sheep and swine, must be certified through the Youth for the Quality Care of Animals (YQCA). The purpose of this program: Youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; Animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply. This is an annual program that can be completed via online modules or in-person trainings. More information about this pro gram will be provided from the Extension Office.
- In each project manual level complete a minimum of four (4) different activities each year. These activities can include the “Udder Ideas” activities.
- 4-H'er will use and complete one (1) project manual in three (3) years. (You will use the books according to your grade as of January 15 of the current year.)
- Complete a record sheet.
- If your project manual requirements and record sheet are INCOMPLETE, you will NOT be considered for Champion or be allowed to enter a dairy goat in the livestock auction.

Exhibit Requirements:

- All meat goat wethers and market does must be retinal scanned and assigned a five (5) digit county ear tag at ID Day. An exhibitor may enter a maximum of six (6) breeding does, two (2) market does, and four (4) wethers and is limited to exhibiting two (2) entries per class.
- Bucks are not permitted to be shown.
- Meat goats may be sold in the livestock auction. Auction rules are located in the Fair book.
- Records should start on the day of purchase. Completed records must be turned in to 4-H leader by specified date. If records are incomplete, the exhibit will not be considered for champion or allowed to sell an animal in the livestock auction.
- All animals exhibited at the 4-H Fair must meet Board of Animal Health (BOAH) requirements.
- For safety reasons, the superintendent reserves the right to dismiss animals from the show ring which pose a handling threat or their horns are deemed unsafe. Abusive treatment of animals will not be tolerated.
- Each exhibitor may exhibit a poster in addition to the animal as their exhibit for the project. The poster should cover a topic of one (1) of the activities or learning experiences in the completed grade level of the project manual. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving original author credit. A Champion poster will be chosen in each level (Junior, Intermediate, Senior) for each animal specie (Example: Dog, cat, goat, sheep, etc.). A Grand Champion animal poster will be selected from all eligible Champion animal posters.

4-H MEAT GOATS:

Identification deadline - May 13, 2020

- All meat goats must have a completed online livestock ID enrollment form and Animal Location form turned into the Extension Office by May 15, 2020. Meat goat wethers and market does must be retinal scanned and eartagged at the 4-H Goat ID.

4-H Fair:

- All full blood does must have registration papers to exhibit in the full blood class. Full bloods are considered as 100% or 99.9%.
- Percentage does are not required to have registration papers for County Fair. If a percentage doe is not registered, then it must have a scrapie tag.
- Does that are less than 94 percent or do not have any registration papers are considered commercial does and will show with the percentage does. Percentage does must have registration papers if they are going to show at the Indiana State Fair.
- Does that are 94 percent or more and have registration papers are considered Purebred Does and show together with the Fullblood Does.
- Does that have registration papers certifying that they are Fullblood Does will show together with the Purebred Does. (* Acceptable 4-H livestock registration certificate information located on page 132, #21)
- Meat goat wethers and market does must be slick shorn at a uniform length above the hock and knee. Fitting in an attempt to alter or enhance the appearance is prohibited
- 4-H Exhibitors are completely responsible for the care and custody of animal exhibits at the Hamilton County 4-H Fair.
- All goats are to have clean water available at all times. If no water is found available at any times, the Project leader will place water in a bucket in the pen for the animals. If water is available and the goat is observed not to be drinking provided water, the bucket will be emptied and clean fresh water added.
- Blankets must be removed from all goats at the time of arrival. All goats will be inspected with hands on for signs of CL, subcutaneous crepitus, subcutaneous air pockets, incisional or puncture wounds. Any signs of will result of animal being sent home without being allowed to be penned. Incisions from Lap AI on yearling or older does are acceptable.
- Any medication given during the fair, including drenching substances must be logged with the Project leader
- To sell in the auction, the animal must weigh 50 pounds or more. There is no minimum weight for the animal to sell direct, however the price per pound may be lower for low weight animals. Yearlings or older animals may not be sold through the auction.
- Immediately following the Grand drive, the Grand market meat goat will be retinal scanned to verify the animals meet both ID and ownership requirements. Market meat goats whose retinal scans cannot be matched with the retinal scans taken prior to May 15 will be disqualified.
- All market meat goats will be weighed with no halters, chains, leash, blankets, or manmade apparatus etc.

Junior Does- Any doe under 12 months of age

Yearling Does- Any doe from 12 months to under 24 months

Senior Does- Any doe from 24 months and older

Wethers and Market Does- All goat breeds and crosses are eligible. These wethers and market does do not need to be registered.

- All wethers and market does must be shown with their milk teeth in place.
- It is recommended that Meat Goat wethers and market does be dehorned, but can be shown with or without horns.
- Market does and wethers will be shown in ***different classes***. A market doe cannot be shown in breeding classes.
- A market meat goat is any goat containing at least 50% of a meat breed, including Boer, Spanish, Kiko, Savanna, or Mytonic.
- Market meat goat classes will be divided according to the weight of the animals. The number of classes/ groups will depend on the number of market meat goats that arrive at the fair. Classes will be divided at the discretion of the project superintendent.
- Market meat goats should have their entire body clipped except from the knees and hocks down. Fitting in an attempt to alter or enhance the appearance is prohibited.

Classes and Show Order:

Breeding Doe Classes: Full Blood/Purebred and Percentage/Commercial

Doe- Any doe under 12 months of age

Yearling Doe- Any doe from 12 months to under 24 months

Senior Doe- Any doe from 24 months and older

Any doe shown as a market doe is not eligible to be shown in any breeding doe classes.

Market Meat Goat Classes: Light, Medium, Heavy weight

Showmanship

All exhibitors are encouraged to participate in Showmanship. Exhibitor must show their own goat. The goat must have been exhibited in the previous classes of market meat goat or doe classes.

Showmanship will be at the end of the goat show.

Classes:

Senior - Grades 9-12

Intermediate - Grades 6-8

Junior - Grades 3-5

POCKET PETS
(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:	Kay Dugger, 317-696-4473, kdugger@comcast.net
EXHIBIT CHECK-IN:	Sunday, July 19, 11:30 AM
JUDGING:	Sunday, July 19, Noon, Open Judging
RELEASE TIME:	Sunday, July 19, Immediately following Pocket Pet show
STATE FAIR ENTRIES:	No entries, County project only

Levels:

Junior	**Grades 3-5**
Intermediate	**Grades 6-8**
Senior	**Grades 9-12**

Project Manual Guidelines:

- In each project manual level complete a minimum of four (4) different activities each year. These activities can include the “More Challenges” activities.
- 4-H'er will use and complete (1) project manual in three (3) years. (You will use the books according to your grade as of January 15 of the current year).
- Complete the record sheet.

Exhibit Requirements:
Judging will be done by Junior, Intermediate, and Senior. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

Examples of Pocket Pet Animals: Rodents (guinea pigs, hamsters, rats, gerbils, etc.), Reptiles, Amphibians, Insects, Arachnids, Crustaceans, Fish (egglayers or livebearers), and many more.

No venomous or wild animals will be allowed to participate in open judging of pocket pets, but with proper ownership permit to own such an animal, the 4-H'er may present a poster or notebook. Please refer to state and federal laws or consult with your veterinarian about ownership of wild and exotic animals.

4-H members may exhibit only one (1) pocket pet. 4-H'ers will be expected to show their animal at the show and judging will be based on the 4-H'ers knowledge of the animal specie, the animal's living environment, the general health and care of the animal, and the 4-H'ers proper handling of the animal. **If you cannot bring the animal in its actual cage, it is suggested that you bring pictures so the judge can see its living environment.**

A poster may be exhibited in addition to, or in place of, exhibiting the animal. The poster should cover a topic of one (1) of the activities or learning experiences in the completed grade level of the project manual. All posters must follow poster rules, Page 30, #15.

POULTRY
(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:		Julie Hoffmeister, 317-529-2237, jahoffmeister@aol.com
EXHIBIT CHECK-IN:		Wednesday, July 15, 2-8 PM
JUDGING:	Showmanship	Thursday, July 16, 10 AM, Open Judging
	Poultry show	Thursday, July 16, Immediately following Showmanship Open Judging
RELEASE TIME:		Thursday, July 16, Water Fowl only Immediately following Poultry show Tuesday, July 21, 7 AM– Noon, All Non-Auction livestock released
AUCTION:		Tuesday, July 21, 5:30 PM
STATE FAIR ENTRIES:		All livestock for STATE FAIR must be properly identified and enrolled. State Fair entry deadline is July 1.

Project Description:
The 4-H Poultry educational program and related activities (such as workshops, tours, etc.) provide youth a fun and hands-on learning experience which develops both poultry subject skills (such as nutrition, housing, and health care) and life skills (such as responsibility, decision-making, nurturing, and communications).

Levels:
Junior **Grades 3-5**
Intermediate **Grades 6-8**
Senior **Grades 9-12**

Project Guidelines:
- To exhibit at the county and state fair 4-H members showing beef cattle, dairy cattle, dairy goats, meat goats, poultry, rabbits, sheep and swine, must be certified through the Youth for the Quality Care of Animals (YQCA). The purpose of this program: Youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; Animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply. This is an annual program that can be completed via online modules or in-person trainings. More information about this program will be provided from the Extension Office.
- In each project manual level complete a minimum of four (4) different activities each year. These activities can include the "Eggstra Challenges" activities.
- 4-H'er will use and complete one (1) project manual in three (3) years. (You will use the books according to your grade as of January 15 of the current year).
- Complete a record sheet.
- If your project manual requirements and record sheet are INCOMPLETE, you will NOT be considered for Champion or be allowed to participate in the livestock auction.

Exhibit Requirements:
Animal exhibitors also have the option of exhibiting a poster in place of, or in addition to exhibiting an animal. The posters and demonstration should cover a topic of one (1) of the activities or learning experiences in the completed grade level of the project manual. Posters must follow poster rules, Page 30, #15. All posters, notebooks, and display boards must include a reference list that indicates where information was obtained, giving credit to original author. A Champion poster will be chosen in each level (Junior, Intermediate, Senior) for each animal specie (Example: Dog, cat, goat, sheep, etc.) A Grand Champion animal poster will be selected from all eligible Champion animal posters.

Poultry exhibitors in Indiana will be required to provide documents to the superintendent that the bird(s) originate from a National Poultry Improvement Plan (NPIP) official Pullorum-Typhoid Clean flock or have had a negative Pullorum-Typhoid test within ninety (90) days preceding exhibition. If bird originates from certified flock, no test is needed for the first year. However, once the bird is one (1) year and older it must be tested each year even if it originated from a certified flock. The NPIP documentation should be received from the source of the poultry. Either the NPIP certification or the blood-testing results must be a part of that child's report. Representatives of the Indiana State Board of Animal Health will be at the county fairs to check paperwork, including the Indiana County Fair Poultry Superintendent's Report. **All birds one (1) year of age or older must attend identification day for testing. NPIP certification for birds less than one year old must be shown at identification day. Waterfowl and pigeons are not tested.**
Showmanship will be before the start of judging.

4-H POULTRY:
Ownership deadline- May 15, 2020
4-H Fair:

- All poultry must have a completed entry form and Animal Location form turned into the Extension Office by **May 15**.
- All 4-H poultry must originate from a National Poultry Improvement Plan (NPIP) official Pullorum-Typhoid Clean flock or have had a negative Pullorum-Typhoid test within ninety (90) day preceding exhibition. If bird originates from certified flock, no test is needed for the first year. However, once the bird is one (1) year and older it must be tested each year even if it originated from a certified flock.

GENERAL RULES:
It is strongly recommended that members be present while their entries are being judged. The judges can provide valuable information about the individual bird's qualities and comparisons to the breed standards and why the birds are placed as they are.

- Classes are provided for all types of poultry listed in this section.
- To be shown as a cockerel, pullet/ young bird, the bird must be hatched on or after September 1, 2019.
- For competitive purposes, it is recommended that all poultry be hatched no later than April 15, 2020.
- Chickens: Classes will be grouped in one of the following two categories:
  Exhibition:
  - All bantams and standard breed cockerel and cock birds will be shown as exhibition birds.
  - No duplicate entries within a breed.
  - One (1) cockerel or one (1) pullet or one (1) hen or one (1) cock bird of recognized breed including bantams constitutes one (1) entry. (i.e. within a breed, you could enter one (1) cock, one (1) hen, one (1) pullet, or one (1) cockerel. This would be a total of four (4) entries.) There will be no pairs shown or judged in any exhibition classes.

  Commercial:
  - Two (2) pullets or two (2) hens of a recognized production breed constitutes one (1) entry.
    No cocks or cockerels will be entered in the commercial class with the exception of the broiler class
  - Commercial classes will be divided into the following classes:
    Brown egg shell hens
    White egg shell hens
    Dual Purpose hens
    Brown egg shell pullets
    White egg shell pullets
    Dual Purpose pullets

Broilers

- The exhibit will consist of two (2) broilers of the same age (6 to 8 weeks) and the same sex
- (pullets or cockerels).
- Only one (1) entry per member in the broiler class.
- All commercial entries are pairs only and must be penned together.
- 4-H members may have one (1) entry in each class of commercial pullets and hens, and broilers for a total of seven (7) entries in the commercial class.

Pigeon

- One (1) old cock or one (1) old hen or one (1) young cock or one (1) young hen constitutes one (1) entry.
- No duplicate entries within a breed.
- No pairs will be shown/judged.
- Pigeons will be divided into the following class divisions:
    - Sport/Performance
    - Utility
    - Fancy

Waterfowl (standard and bantam)

- One (1) old drake/gander or one (1) old duck/goose or one (1) young drake/gander or one (1) young duck/goose in a recognized waterfowl breed constitutes one (1) entry.
- No duplicate entries within a breed in the same class.
- All waterfowl will be shown/judged as exhibition only, with the exception of heavyweight ducks.
- Runner ducks may be shown in a ring at the discretion of the judge.

Turkeys

- One (1) old tom or one (1) old hen or one (1) young tom or one (1) young hen of a recognized breed constitutes one (1) entry.
- No duplicate entries within a breed in the same class.

Commercial Chickens:	White Egg Shell Pullets White Egg Shell Hens Brown Egg Shell Pullets Brown Egg Shell Hens Dual Purpose Pullets Dual Purpose Hens Broilers
Standard Exhibition Chickens:	American Standard English Standard Asiatic Standard Mediterranean Standard Continental Standard All Other Standard Breeds
Bantams:	***Game Bantam*** Single Comb Clean Legged Bantam Rose Comb Clean Legged Bantam All Other Combs Clean Legged Bantam Feather Legged Bantam
Waterfowl:	Heavy Weight Duck Medium Weight Duck Light Weight Duck Bantam Duck Heavy Weight Goose Medium Weight Goose Light Weight Goose

Turkey:	Turkey
Pigeons:	Fancy Sport/Performance Utility

Each 4-H member may enter up to twelve (12) entries of poultry total. Cages are furnished but each exhibitor is responsible for care, feeding, and watering. Feed and bedding are not provided.
Showmanship contest will be provided. This is not a requirement in completing the poultry project. Grand and Reserve Grand Champion ribbons will be awarded in each level (Junior, Intermediate, & Senior).

All waterfowl (with the exception of Grand and Reserve Grand Champion) will be released upon completion of judging by project superintendent.

PYGMY GOATS
(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:	Brittany Swackhamer, 765-412-1781, bsswackhamer@gmail.com
EXHIBIT CHECK-IN:	Wednesday, July 15, 2-8 PM
JUDGING:	Thursday, July 16, 1 PM, Open Judging
RELEASE TIME:	Tuesday, July 21, 7 AM– Noon, All Non-Auction livestock released
STATE FAIR ENTRIES:	All livestock for STATE FAIR must be properly identified and enrolled. State Fair entry deadline is July 1.

Project Description:
The 4-H Pygmy Goat educational program and related activities (such as workshops, tours, etc.) provide youth a fun and hands-on learning experience which develops both goat subject skills (such as nutrition, housing, and health care) and life skills (such as responsibility, decision-making, nurturing, and communications).

Levels:

Junior	**Grades 3-5**
Intermediate	**Grades 6-8**
Senior	**Grades 9-12**

Project Guidelines:
Activities:

- Keep accurate, monthly records on your Pygmy Goat. Records are interesting and can be fun if you use them properly.
- Learn the parts of the Pygmy Goats so you can talk about them.
- Learn how to feed Pygmy Goats properly so they will remain healthy.
- Learn about diseases of Pygmy Goats and keep your animals free of parasites.
- Teach your goats to lead while they're young.
- Be kind to your animals. Teach them to trust and respect you.
- Make your animals comfortable. Be sure they have shade, fresh water, salt, a dry place to lie down, and freedom from flies, lice, and other pests.

Purpose:
In a Pygmy Goat project, you as a 4-H member will:

- Learn how to select and care for a Pygmy Goat.
- Learn responsibility for having animals of your own to care for regularly.
- Learn the importance of keeping accurate records.
- Learn about nature's processes by caring for animals.
- Learn citizenship, sportsmanship, and the value of cooperation.

Advantages:
Pygmy goats make ideal 4-H projects:

- They're inexpensive to buy and feed.
- They're easy to handle and transport.
- They require relatively few facilities.
- They're ideal pets.

4-H PYGMY GOATS:

Identification- May 15, 2020

- All pygmy goats must be identified by a tag, tattoo, scrapie tag or microchip, and complete an online livestock form and an Animal Location form must be turned into the Extension Office by May 15, 2020.

4-H Fair:

- All 4-H pygmy goats will be physically inspected prior to entering the barn and may be rejected or removed due to health issues at any time during the fair.

Exhibit requirements:

- All animals exhibited at the 4-H Fair must meet Board of Animal Health (BOAH) requirements.
- Animals must be under ownership and care of the 4-H member by May 15. This ownership must remain continuous until show day. This includes showmanship classes. Each exhibitor must own their own animal to participate in the showmanship class.
- Accurate records should be maintained starting with the date of purchase of the animal.
- ***If unborn offspring is to be exhibited at the fair, the pregnant mother must be enrolled in 4-H Online by May 15.***
- An exhibitor is limited to a maximum of two (2) entries per class and a maximum of twelve (12) goats.
- 4-H members having an entry in animal classes are expected to show their own animals. In cases where this is not possible, the owner may have animals shown by another Hamilton County 4-H member. This substitution of showmen must be approved by the barn superintendent.
- Every goat must have a collar and lead.
- Buck and horned pygmy goats are NOT permitted. Wethers should be castrated, banded, or clamped at least sixty (60) days before show. Any animals with traditional buck appearances or odors are not permitted.
- It is recommended that the exhibitor wear a club shirt and black jeans or slacks (no shorts) while showing their pygmy goats.
- To be eligible to show in group classes, all animals must have been exhibited in their individual classes.
- 4-H members are responsible for keeping their pens and aisle area clean at all times. Pens must be cleaned and put in storage area before check-out.
- Pens are assigned by the project superintendent prior to the 4-H Fair. Alterations are not to be made without prior permission form the project superintendent.
- Pen dividers are not to be removed to combine multiple pens.
- Fans must have proper safety-approved shrouds.
- All animals shown as a group in a group class must be owned by the same 4-H member.
- BEDDING IS NOT PROVIDED.
- Veterinarian inspection is required for all goats before entering the barn. No goats will be admitted into the barn or allowed to show after check-in time has passed.
- In large classes, only the top ten (10) animals will be placed. The remaining exhibitors will receive participation ribbons.

- Birthing at the 4-H Fair must be approved by the barn superintendent before fair.
- Pygmy goats must meet the official pygmy goat standards. No Boer or dairy goat breed characteristics or color conformation will be permitted.

SHOWMANSHIP:

- 4-H members must pre-enter showmanship as with any other Pygmy goat class.
- 4-H members who compete in showmanship classes must show their own animal. The animal must have been exhibited by the owner in at least one (1) other class at the 4-H Fair.

Levels:

- Junior showmanship: 3rd, 4th, or 5th grade as of January 1 of the current year are eligible. Intermediate showmanship: 6th, 7th, or 8th grade as of January 1 of the current year are eligible. Senior showmanship: All 4-H exhibitors in the 9th grade or above as of January 1 of the current year are eligible.

4-H Pygmy Wether Show

- Wethers that are not of pygmy conformation and size will be eliminated.

1. Junior Wether Kids (under 3 months)
2. Intermediate Wether Kids (3 months - under 6 months)
3. Senior Wether Kids (6 months - 1 year)
4. Wethers (1 year - 2 years)
5. Wethers (2 years - 3 years)
6. Wethers (3 years - 4 years)
7. Wethers (4 years and older)

4-H Junior Pygmy Doe Show

- Registered will show first, followed by non-registered.

1. Junior Doe Kids (under 3 months)
2. Intermediate Doe Kids (3 months to under 6 months)
3. Senior Doe Kids (6 months to under 9 months)
4. Advanced Senior Doe Kids (9 months to under 12 months)
5. Junior Unfreshened Yearlings (12 months to under 18 months)
6. Senior Unfreshened Yearlings (18 months to under 24 months)

4-H Senior Pygmy Doe Show

1. Milking Doe (any age)
2. Junior Freshened Does (12 months to under 18 months)
3. Senior Freshened Does (18 months to under 24 months)
4. Two (2) year old Does
5. Three (3) year old Does
6. Four (4) year old Does
7. Does five (5) years old and over
8. Mother and Daughter

- MOTHER AND DAUGHTER: To consist of two (2) does, any age, so long as one (1) is the daughter of the other.

Animal exhibitors have the option of exhibiting a poster in place of, or in addition to exhibiting an animal. The poster should cover a topic of one (1) of the activities or learning experiences in the completed grade level of the project manual. Posters must follow poster rules, Page 30, #15. A Champion poster will be chosen in each level (Junior, Intermediate, Senior) for each animal specie (Example: Dog, cat, goat, sheep, etc.) A Grand Champion animal poster will be selected from all eligible Champion animal posters.

RABBIT
(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:		Jerry Urbanus, 317-508-9183, jerry-u@sbcglobal.net
EXHIBIT CHECK-IN:		Wednesday, July 15, 2-8 PM
JUDGING:	Rabbit Ambassador	Thursday, July 16, 6 PM, Open Judging
	Rabbit Show	Friday, July 17, 8:30 AM, Open Judging
RELEASE TIME:		Tuesday, July 21, 7 AM– Noon, All Non-Auction livestock released
AUCTION:		Tuesday, July 21, 5:30 PM
STATE FAIR ENTRIES:		All livestock for STATE FAIR must be properly identified and enrolled. State Fair entry deadline is July 1.

Project Description:
The 4-H Rabbits educational program and related activities (such as workshops, tours, etc.) provide youth a fun and hands-on learning experience which develops both rabbit subject skills (such as nutrition, housing, and health care) and life skills (such as responsibility, decision-making, nurturing, and communications) under the direction of caring adult volunteers.

Levels:
Junior **Grades 3-5**
Intermediate **Grades 6-8**
Senior **Grades 9-12**

Project Guidelines:
- To exhibit at the county and state fair 4-H members showing beef cattle, dairy cattle, dairy goats, meat goats, poultry, rabbits, sheep and swine, must be certified through the Youth for the Quality Care of Animals (YQCA). The purpose of this program: Youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; Animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply. This is an annual program that can be completed via online modules or in-person trainings. More information about this program will be provided from the Extension Office.
- In each project manual level complete a minimum of four (4) different activities each year. These activities can include the "Bounding Ahead" activities.
- 4-H'er will use and complete one (1) project manual in three (3) years. (You will use the books according to your grade as of January 15 of the current year).
- Complete a record sheet.
- If your project manual requirements and record sheet are INCOMPLETE, you will NOT be considered for Champion or be allowed to enter a rabbit in the livestock auction.

4-H RABBITS:
Identification deadline- May 15, 2020
- All 4-H rabbits must have a completed ID/enrollment form and Animal Location form turned into the Extension Office by May 15, 2020. The form must be signed by the 4-H member and a parent or guardian.

Exhibit Requirements:
Rabbit Identification/Enrollment form must be turned in to the Extension Office by **May 15** of current year to be eligible to show at the 4-H Fair.
Animal exhibitors have the option of exhibiting a poster in place of, or in addition to exhibiting an animal. The poster should cover a topic of one (1) of the activities or learning experiences in the completed grade level of the project manual. Posters must follow poster rules, Page 30, #15. All posters, notebooks, and display boards must include a reference list that indicates where information was obtained, giving credit to original author**.** A Champion poster will be chosen in each level (Junior, Intermediate, Senior) for each animal specie (Example: Dog, cat, goat, sheep, etc.) A Grand Champion animal poster will be selected from all eligible Champion animal posters.
- All rabbits or parent rabbits shall be owned or co-owned by members by May 15 of current year and have a permanent, dry, legible identification marking or tattoo in the left ear before being admitted to the barn on the day of exhibit judging. No wet ink tattoo's will be allowed into the barn.

- It is highly recommended that rabbit exhibitors attend one (1) of the last two (2) regular Harey Hoppers monthly rabbit club meetings for fair information and instruction.
- All rabbit exhibitors are encouraged to sign up for a minimum of one (1) rabbit barn work detail. Sign up sheets will be made available at the final one (2) Harey Hoppers rabbit club meetings and in the barn.
- A 4-H member may show a maximum of twelve (12) individual rabbit entries plus one (1) meat pen entry. One (1) entry is constituted as any of the following: one (1) senior buck, one (1) senior doe, one (1) 6/8 buck, one 6/8 doe, one (1) junior buck, or one (1) junior doe. Each entry must be shown in a breed class. More than one (1) entry per breed class will be allowed. A 4-H member may not show more than three (3) breeds of rabbits. Meat Pen is not considered a breed class.
- The exhibitor may show one (1) entry in each meat class, if they have a qualifying entry. Each entry must also be shown in a breed class as one (1) of the twelve (12) total entries.
- Meat classes will be single fryer (10 weeks or younger and 5 pounds or under), roaster (under 6 months and over 5 up to 8 pounds), stewer (over 6 months and/or over 8 pounds), or meat pen. A single fryer entry may be taken from a meat pen.
- The exhibitor may show one (1) entry in each fur class, if they have a qualifying entry. Each entry must also be shown in a breed class as one (1) of the twelve (12) total entries.
- Fur classes will be white and colored in each of the following: commercial normal fly back, normal roll back, normal all others, rex, mini-rex, satin, will.
- The rabbit exhibitor is responsible for correctly filling in required information on the fair entry paperwork and choosing the proper showing classes for breed, fur, and/or meat showing for their rabbits.
- A 4-H member may not show more than three (3) breeds of rabbits. Meat Pen is not considered a breed class.
- A Meat Pen is constituted by three (3) rabbits of the same breed and same variety weighing up to five (5) pounds each and not over ten (10) weeks of age. The Meat Pen must have been kindled and raised by the exhibitor. (Litter will not be shown with doe.) The meat pen is not to be purchased outright.
- Carcass Class (Rabbit out of Meat Pen or Single Fryer. 3=1 dressed, 2 live carcass), will be dressed out after day of show.
- All rabbits will be shown by breed markings as determined at the Fair.
- There will be a Best of Breed (Champion) and Best Opposite Sex (Reserve Champion) in each breed, if these animals do meet the A.R.B.A. standard for that breed. If the only available exhibited animals in a breed do not meet the standard, there will be no champion or reserve champion for that breed. Ribbons will be given out for all exhibited animals based on the judges interpretation of the standard and how each rabbit compares to the standard. Ribbons will be blue, red, or white.
- A Grand Champion 6 Class and a Grand Champion 4 Class will be picked from each class group of respective champion's. A Reserve Grand Champion will also be picked from each group.
- A Grand Champion Best-in-Show will be picked from the two (2) classes (6 class and 4 class Grand Champions.)
- All rabbits will be shown by classes and weights, as defined in the American rabbit Breeders Association Book of Standards. Determining weight of rabbit prior to the fair show is the responsibility of the 4-H exhibitor. All rabbits over or under weight for the class that they are entered in will be given white ribbons and cannot show for Best of Breed or Best Opposite Sex.
- Classes will be provided for all breeds according to the A. R.B.A. Standard of Perfection.
- All exhibitors should be present at the pre-show meeting to receive instructions on showing the rabbits. Rabbits must be shown by the owner exhibitor or another 4-H member with the owner still present. Note: Rabbits to be sold in the auction must be shown by the owner.
- All members will bring their rabbits to the show table when their class is called. They will stay and watch the rabbit being judged, then return it to the cage. If a rabbit is not on the table when the class is judged, the rabbit will not be judged. (Maximum of three (3) calls will be given if needed, then judging begins.) Parents or other non 4-H members are not permitted to carry rabbits to and from the show table.
- Any rabbit not in good health will be removed from the 4-H grounds immediately and will not be shown.
- Pens will be assigned to entries by the rabbit superintendent or their delegate. The 4-H member is responsible to house their animals and for keeping them fed and watered. If an animal is not being properly cared for, the exhibitor may be asked to remove them from the barn.
- A clean pen award will be made to the 4-H members who keep their pens clean throughout the entire Fair. <u>Excessive bedding is not needed.</u>
- Rabbits going through the auction must be shown in a Meat Class, besides the regular breed class. (This includes single fryers, roasters, stewers, and meat pen).
- Showmanship is the Ambassador Contest. Winners will compete in the State Fair Ambassador Contest. Ambassador Contest will be held on the first day of the fair. Ribbons will be given to all Ambassador participants.

- If project manuals and record sheets are incomplete you will NOT be considered for a Champion or be allowed to enter a rabbit in the livestock auction.
- Royal Showmanship Representatives from rabbits will be the winner from Senior or Master category with the highest point total.

RABBIT AMBASSADOR/SHOWMANSHIP CONTEST
Requirements/Rules:

- 4-H'ers must have knowledge of rabbit breeds, management, feeding, marketing, and showing.
- No resource or reference material may be used during the contest by the participants.
- Questions for the contest will be taken from the following publications:
  - ***Domestic Rabbit Guide***
  - Standard of Perfection (published by ARBA)
  - In the event of a conflict of information, the Standard of Perfection is considered the authority.
- Contest is divided into five (5) groups:
  - ◊ Novice- 4-H member in the 3rd or 4th grade on January 1st of the current year
  - ◊ Junior- 4-H member in the 5th or 6th grade on January 1st of the current
  - ◊ Intermediate- 4-H member in the 7th or 8th grade on January 1st of the current year
  - ◊ Senior- 4-H member in the 9th or 10th grade on January 1st of the current year
  - ◊ Master- 4-H member in the 11th or 12th grade on January 1st of the current year
- Winners will be determined on point scores totaled from:
  Written test
  Oral interview and rabbit demonstration with a judge
  Rabbit breed identification
- Tie scores will be broken as follows:
  Highest test score, then, if necessary
  Highest breed ID score
  Oral test given by a committee of three (3) people appointed by Barn Superintendent.
  Decision of the judges shall be final.
- A rabbit may be used for the ambassador contest that is not housed at the fair (brought from home for the contest), however that rabbit must have been listed on the Identification/Enrollment form turned in by May 15th of the current year.

.

RABBIT POSTER REQUIREMENTS: (Optional)

- Style 22" x 28" displayed horizontally with stiff backing and covered with plastic, accompanied by a name tag in the lower front right hand corner. See poster rules, Page 30, #15.
- Each poster must have been made by the 4-H member enrolled in current year's 4-H Rabbit project.
- Standard evaluation:

Content and information	40 points
Originality & Creativeness	25 points
Overall appearance/appealing	15 points
Suitable subject and age appropriate	10 points
Conveys message/accomplishes purpose	5 points
Meets exhibit requirements	5 points
Total	100 points

- Proper footnoting must be used with all reference material. Attach a 3” x 5” card to the back side of the poster listing the references. The purpose shall be to visually demonstrate 4-H Rabbit project knowledge and to demonstrate to others 4-H Rabbit project possibilities.

The Champion Junior, Intermediate, and Senior posters will be eligible for exhibit at the State Fair. All posters must follow poster rules, Page 30, #15.

SHEEP
(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:		Chad Hartwick, 765-623-2722, chad.hartwick@ebpaving.com
EXHIBIT CHECK-IN:		Wednesday, July 15, 2-8 PM
	Wool Contest	Sunday, July 19, 8-9 AM, Entry
JUDGING:	Fitting Contest	Friday, July 17, 11:30 AM, Open Judging
	Wool Contest	Sunday, July 19, 9:30 AM, Open Judging
	Sheep Show	Sunday, July 19, 10 AM , Open Judging
RELEASE TIME:		Tuesday, July 21, 7 AM– Noon, All Non-Auction livestock released
AUCTION:		Tuesday, July 21, 5:30 PM
STATE FAIR ENTRIES:		All livestock for STATE FAIR must be properly identified and enrolled. State Fair entry deadline is June 1.

Project Description:
The 4-H Sheep educational program and related activities (such as workshops, tours, etc.) provide youth a fun and hands-on learning experience which develops both sheep subject skills (such as nutrition, housing, and health care) and life skills (such as responsibility, decision-making, nurturing, and communications).

Levels:

Junior	**Grades 3-5**
Intermediate	**Grades 6-8**
Senior	**Grades 9-12**

Project Guidelines:
Guidelines:

- To exhibit at the county and state fair 4-H members showing beef cattle, dairy cattle, dairy goats, meat goats, poultry, rabbits, sheep and swine, must be certified through the Youth for the Quality Care of Animals (YQCA). The purpose of this program: Youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; Animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply. This is an annual program that can be completed via online modules or in-person trainings. More information about this program will be provided from the Extension Office.
- In each project manual level complete a minimum of four (4) different activities each year. These activities can include the “More Challenges” activities.
- 4-H'er will use and complete one (1) project manual in three (3) years. (You will use the books according to your grade as of January 15 of the current year).
- Complete a record sheet. The exhibitor's club leader determines whether the exhibitor has complied with these requirements.
- If your project manual requirements and record sheet are INCOMPLETE, you will NOT be considered for Champion or be allowed to enter sheep in the livestock auction.

4-H SHEEP:
Identification deadline- 4-H Sheep ID - May 9, 2020 and May 13, 2020

- All 4-H sheep must attend Sheep ID day to be retinal scanned and have a completed online 4-H Sheep ID/ Enrollment and Animal Location form turned into the Extension Office by May 15, 2020.
- Additionally, all market lambs must be ear tagged with a county tag at 4-H Sheep ID.
- For commercial ewes, the 4-H member may choose to use a farm tag for 4-H Sheep ID. The farm tag must be in the ear and remain so through the Indiana State Fair 4-H show. Absent a farm tag or if the 4-H member chooses, commercial ewes will be ear tagged with a county tag at 4-H Sheep ID.
- Purebred/registered ewes must have a farm tag/registration ear tag in the ear to be scanned at 4-H Sheep ID. The farm tag/registration tag must match the registration paperwork presented at entry to the 4-H Fair***,*** and the online entry information for both ear tag number and date of birth.

4-H Fair:

- All 4-H sheep will be physically inspected prior to entering the barn and may be rejected or removed due to health issues at any time during the fair. All purebred females must be registered in the 4-H’ers name by the breed registry. A breed registration certificate from the breed registry must be presented at fair check-in. ***(* Acceptable 4-H livestock registration certificate information located on page 132, # 21)***

Exhibit Requirements:
Animal exhibitors also have the option of exhibiting a poster in place of, or in addition to exhibiting an animal. The poster should cover a topic of one (1) of the activities or learning experiences in the completed grade level of the project manual. Posters must follow poster rules, Page 30, #15. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author**.** A Champion poster will be chosen in each level (Junior, Intermediate, Senior) for each animal specie (Example: Dog, cat, goat, sheep, etc.) A Grand Champion animal poster will be selected from all eligible Champion animal posters.

GENERAL RULES

- A 4-H exhibitor may enroll and identify a maximum of ten (10) market lambs, ten (10) yearling ewes and ten (10) ewe lambs.
- **Sheep I.D. Day**- All animals must be presented and identified on a date and at a place established for sheep identification:
  - All market lambs (including ewes to be shown as market lambs) that the exhibitor may wish to show will be identified with a county tag number and a retinal scan.
  - Commercial (non-registered) breeding ewes that the exhibitor may wish to show will be identified with a county tag number or a farm tag and a retinal scan.
  - All registered breeding ewes that the exhibitor may wish to show will be identified by flock registration tag and a retinal scan.
- Sheep must be property of the exhibitor as of May 15 or sheep identification day, whichever is earlier. Sheep may be enrolled in the name of more than one(1) 4-H family member.
- All lambs must be born on or after **SEPTEMBER 1, 2019.**
- **No tack or bedding will be allowed in the Sheep Barn before 8:00 a.m. on Check-in day. Approval is required from the barn superintendent for any deviation to the tack or bedding schedule.**
  "Lights out" in the barn is 12:00 a.m. No one is permitted in the barn before 5:00 a.m
- Check-in Day- Sheep will be checked in 2:00-8:00 p.m. on **WEDNESDAY, JULY 15, 2020** thru the south door only. Registration papers must be approved by the barn superintendents prior to unloading any animals. **All purebred females must be registered in the 4-H'ers name* by the breed registry. A breed registration certificate from the breed registry must be presented at fair check-in. (*Acceptable 4-H livestock registration certificate information located on page 132, #21).** All 4-H sheep will be physically inspected prior to entering the barn and may be rejected or removed due to health issues at any time during the fair.
- No sheep will be admitted into the barn before 2:00 p.m. or after 8:00 p.m.
- All Commercial ewes and Market lambs will be weighed at weigh-in. Weigh-in will take place Thursday morning of the fair from 9:00-11:00 a.m.
- An exhibitor may show three (3) market lambs. Market lambs need not be of the same breed. Market lambs will be weighed Thursday morning. All market lambs must be shown slick shorn.
- ***A 4-H exhibitor may show a maximum of six (6) ewes. From these six (6) ewes, a 4-H exhibitor may show a maximum of two (2) ewes per age division per breed (i.e. spring ewe lambs, fall ewe lambs, and yearling ewes.)*** A separate class in each breed will be established for ewe lambs born from September 1 - December 31 of the prior year.
- All sheep shown in the purebred breeding ewe classes must be registered in the breed's registry in accordance with the 4-H Ownership Rules. Note Rule above.
- All exhibitors must show their own animals unless they have permission from the Barn Superintendent to have another Hamilton County 4-H'er to show the animal due to the exhibitor having more than one (1) animal in the class or a physical handicap.
- Any 4-H Sheep may be shown in the ring by two (2) Hamilton County 4-H members, one (1) being the 4-H Sheep exhibitor. The 4-H exhibitor who owns the sheep being shown MUST hold the sheep's head.
- Exhibitor must furnish his/her own feed and water and be responsible for the care of the sheep.
- The direct application of ice, ice water, alcohol, Freon, or any other refrigerant to the hide of a lamb is strictly prohibited. This deceptive, fraudulent practice will cause the exhibitor and their animal(s) to be disqualified immediately.

- Each breed of registered breeding sheep will be shown separately. A breeding class champion will be selected if there are entries in more than one (1) class. However, the first place lamb or yearling in a breed in which no champion is selected may compete for grand champion ewe.
- At the time of check-in, the exhibitor must declare the breed class for each sheep. That decision cannot be changed unless the barn superintendents determine that the sheep does not have appropriate breed characteristics and place the sheep into a different class.
- Any medications given during the fair, including drenching, needs to be logged with the barn superintendent.
- After the judge places Grand Champion and Reserve Grand Champion Ewe and Market Lamb, the animals will be retinal scanned and the scans will be compared to those obtained at the time of sheep identification.
- All 4-H Sheep members shall be assigned a showmanship number that will be worn throughout the Sheep Show.
- All exhibitors must comply with the check-out procedures and are responsible for removing their animals and cleaning out their pens by designated time.
- No pairs will be shown.
- The sheep barn superintendent will choose a "Good Shepherd Award." It will be awarded to a 4-H Sheep Project member who is observed keeping their area clean, working well with his/her sheep project and/or is observed helping others in the barn.
- The theme for the 4-H Fair will be carried out in the Sheep Barn. These decorations should be designed to educate the public about the sheep project or a particular breed. Pen decorating is optional and will be judged. Decorations must be safe for animals and the public and must be tastefully decorated in accordance with the rules and mission of 4-H. REMEMBER: You are creating an image to the general public.
- Pens are assigned for use to pen/house sheep as comfortable as possible first; a limited number of pens may be available for tack and feed. Please share where possible and be considerate of others.
- The north/south and east/west center aisles must be clean and clear for passage. Understanding that fitting animals is part of the project and may be done in the aisles, please be considerate to other exhibitors and the general public to allow room for passage and to clean up the area when finished fitting. Pens are not to be broken down, reconfigured, or removed for any other purpose without the express consent of the Barn Superintendent.
- There will be an opportunity to sell your lamb either through the auction or direct. If an exhibitor wishes to sell his/her lamb in the auction, all auction rules and deadlines must be met in accordance to the rules stated in the fairbook. It is a privilege to sell in the auction. To sell in the auction, a lamb must weigh at least 80 pounds. There is no minimum weight for a lamb to sell direct, however the price per pound may be documented lower for low weight animals. Yearlings may not be sold through the auction.

HALTER CLASS RULES

- The objective is to present a sheep for exhibition with the use of a halter only (no hand or body contact). Activities will include straight lead, circle lead and stand for inspection.
- This class is open to any 4-H Sheep project member.
- The exhibitor may use any sheep enrolled by the exhibitor in the sheep project but the sheep used in the halter class does not have to be shown in any other sheep class. The sheep must be checked in as other sheep are checked in at the fair.
- The animal must be well groomed and may be decorated if desired. The exhibitor may use special clothing consistent with the decoration of the animal; otherwise, clothing should be appropriate for showing livestock.

SHEEP FITTING CONTEST RULES

- No advanced entry is necessary. Contestants may enter the day of the contest.
- There are two (2) classes: Sheep trimming and slick shearing. Each class is divided into Junior Division, Junior Division, and Senior Division.
- Each participant will fit the lamb without assistance or advice during the contest.
- Participants will be judged for handling, trimming, or slick shearing, proper use of fitting equipment and appearance of the animal.
- Bellies on sheep in the contest may be shorn prior to the start of the contest.
- The contestant may use any sheep enrolled by the contestant in the sheep project but the sheep used in the trimming contest does not have to be shown in any other sheep class. The sheep must be checked in as other sheep are checked in at the fair.

WOOL SHOW RULES

- Exhibitor must be a 4-H member enrolled in the Sheep Project.
- Entries must be made by 9:00 a.m. on Sunday, JULY 19, 2020 with the Sheep barn superintendent or delegate.
- Each exhibitor may show a maximum of three (3) fleeces.
- Fleeces will be placed in the following classes: (a) meat breeds; (b) wool breeds; and (c) natural colored.
- The Grand Champion fleece will be selected from the first place fleece in each class. The Reserve Grand Champion will be selected from the remaining first placings and the second place from class of the Grand Champion fleece.

Wool will be on display on show day only in the show arena. It will be released after the Sheep Show.

SWINE

(See General Livestock rules on page 131)

PROJECT SUPERINTENDENT:	Bob Huber, 317-439-4507, huberrl@sbcglobal.net
EXHIBIT CHECK-IN:	Wednesday, July 15, 7 AM-Noon
JUDGING:	Saturday, July 18, 8 AM, Open Judging
RELEASE:	Sunday, July 19, 7 -10 PM, All Non-Auction livestock released **(swine only)**
STATE FAIR ENTRIES:	All livestock for STATE FAIR must be properly identified and enrolled. State Fair entry deadline is June 1.

Project Description:
The 4-H Swine educational program and related activities (such as workshops, tours, etc.) provide youth a fun and hands-on learning experience which develops both swine subject skills (such as nutrition, housing, and health care) and life skills (such as responsibility, decision-making, nurturing, and communications).

Levels:

Junior	**Grades 3-5**
Intermediate	**Grades 6-8**
Senior	**Grades 9-12**

Project Guidelines:

- To exhibit at the county and state fair 4-H members showing beef cattle, dairy cattle, dairy goats, meat goats, poultry, rabbits, sheep and swine, must be certified through the Youth for the Quality Care of Animals (YQCA). The purpose of this program: Youth will be more prepared to be ambassadors for animal agriculture in their role as youth livestock exhibitors; Animals from youth livestock programs are treated with the utmost care; 4-H members are contributing to a safe, wholesome food supply. This is an annual program that can be completed via online modules or in-person trainings. More information about this program will be provided from the Extension Office.
- In each project manual level complete a minimum of four (4) different activities each year. These activities can include the “More Challenges” activities.
- 4-H'er will use and complete one (1) project manual in three (3) years. (You will use the books according to your grade as of January 15 of the current year).
- Complete a record sheet.
- If your project manual requirements and record sheet are INCOMPLETE, you will NOT be considered for Champion or be allowed to enter swine in the livestock auction.

4-H SWINE:
Identification deadline- May 15, 2020

- The Animal Location must be form turned into the Extension Office by May 15, 2020.
- All swine entered in the Hamilton County 4-H show must be owned, individually identified by ear notches and cared for by the 4-H member by May 15th. These animals must remain in the same continuous ownership and care through show day at the Hamilton County 4-H fair. Animals with fresh ear notches or ear notch changes after May 15th will be disqualified.

- All 4-H swine must complete an online livestock ID enrollment form no later than May 15th. It is the 4-H members' responsibility to make sure that the ear notches entered on 4-H Online are identical to the ear notches on their barrows and gilts. Any discrepancy in the actual ear notch from those listed on 4-H Online will result in the following action; The 4-H'er will be allowed to show their animal and sell it in the auction, but must be placed last in their class and cannot exhibit the animal in showmanship. If they are the only animal in their breed they will not be granted Champion of their breed.

4-H Fair:

- Under the guidance of the Indiana State Board of Animal Health, all 4-H swine exhibited at the Hamilton County 4-H Fair are required to have a two (2) doses of swine influenza vaccination. 4-H swine members will be required to complete a signed and notarized affidavit listing the dates their pigs were vaccinated, prior to unloading their pigs at the Hamilton County 4-H Fair. If exhibited swine will be sold for slaughter, pay careful attention to vaccination withdrawal times.
- Any 4-H member wishing to show swine at the 4-H fair must be YQCA certified.
- All 4-H swine will be physically inspected prior to entering the barn and may be rejected or removed due to health issues at any time during the fair. All animals exhibited at the 4-H Fair must meet Board of Animal Health (BOAH) requirements.
- All purebred females and barrows must be registered in the 4-H'ers name by the breed registry. A breed registration certificate from the breed registry must be presented at fair check-in. (*Acceptable 4-H livestock registration certificate information located on page 132, #21).

Exhibit Requirements:
Animal exhibitors also have the option of exhibiting a poster in place of, or in addition to exhibiting an animal. The poster should cover a topic of one (1) of the activities or learning experiences in the completed grade level of the project manual. Poster must follow poster rules, Page 30, #15. A Champion poster will be chosen in each level (Junior, Intermediate, Senior) for each animal specie (Example: Dog, cat, goat, sheep, etc.). A Grand Champion animal poster will be selected from all eligible Champion animal posters. All posters, notebooks, and display boards must include a reference list indicating where information was obtained, giving credit to original author.

GENERAL RULES:

- The 4-H'ers may enroll a maximum of fifteen (15) gilts, and fifteen (15) barrows. 4-H'ers may enter and show a maximum of five (5) swine, and one (1) market litter. The five (5) individual swine may be any combination of barrows and gilts. Therefore, a 4-H'er could have a maximum of nine (9) total pigs.
- They must use the standard ear notch system and record the notches on an online swine identification enrollment prior to May 15th.
- Each Animal may be entered and shown by only one (1) 4-H member at the Hamilton county 4-H Fair.
- 4-H animals purchased, sold or offered for sale after the enrollment deadline and prior to the Hamilton County 4-H Fair shall not be eligible to show in the 4-H show at the Hamilton County 4-H Fair.
- Slick clipping or body shaving of 4-H barrows and gilts is prohibited. Animals slick clipped or body shaved will not be allowed to exhibit. A minimum of one half (1/2) inch of hair (in length) on the body is preferred by the packers that purchase and process these animals. Animals may be condemned by the processor. 4-H'ers will not receive carcass payment for animals that are condemned.
- All 4-H barrows and gilts will be tagged and weighed upon arrival.
- All swine must be in the barn by Wednesday, JULY 15, 2020, 12:00 p.m. No swine will be admitted before Wednesday, 7:00 a.m. No re-weigh of swine after 12:00 p.m. on Wednesday, **JULY 15, 2020.**
- An entry card must be filled out for each animal before they can be unloaded.

- A 4-H swine enrolled in a particular breed may be changed to the crossbred division before final entries are made at the Hamilton County 4-H Fair swine barn entry table. A swine enrolled as a crossbred animal will not be allowed to switch to a purebred classification after May 15th. A swine enrolled as a particular purebred may not switch to another purebred.
- Order of show: Litters, Gilts, Barrows, Grand Gilt Drive, Grand Barrow Drive, Showmanship.
- An Animal Care and Animal Environment policy was established in 1994. See guidelines on care of animals.
- Each 4-H member is responsible for keeping his/her pen and aisle clean at all times. The Hamilton County 4-H Council has guidelines listed in the Hamilton County 4-H Fairbook. Shavings are required to be used as bedding.
- **ALL MEMBERS MUST ENTER AND SHOW THEIR OWN ANIMALS.** If a member has more than one (1) animal in a class, 4-H'er must get permission from Barn Superintendent to have another Hamilton County 4-H'er show additional animal(s).
- Any swine going home, including swine for personal slaughter, must be removed from the barn between 7:00-10:00 p.m. Sunday night of the fair.
- There will be an opportunity to sell your animals either through the auction or direct. If an exhibitor wishes to sell his/her animal in the auction, all auction rules and deadlines must be met in accordance to the rules stated in the fairbook. It is a privilege to sell in the auction. Animals may be sold direct. To sell in the auction swine (barrow or gilt) must weigh at least 200 pounds. Please follow all withdrawal times for medications on your animals. Animals may be condemned by the processor. 4-H'ers will not receive carcass payment for animals that are condemned.
- Once animals are checked in, exhibitors are not allowed to remove their animals from the swine barn except for show and sale, or as stated above. 4-H swine must stay in the barn at all times with the exception of going to the wash rack, loading and unloading, and going to the show/sale ring.
- All record books must be turned in complete to the 4-H leader by the designated time before the Fair.
- All barrows and gilts exhibited must be born on or after January 1 of current year.
- No feeding of animals in the wash rack area.
- No dumping of manure and/or shavings in the wash rack area.
- Any item not addressed above will be referred to Indiana State Fair 4-H Swine rules.
- 4-H'ers will sign up for showmanship during check-in.

LITTER CLASSES

GENERAL RULES:

- NO BREEDING LITTERS WILL BE SHOWN: THUS NO BOARS WILL BE EXHIBITED.
- All litters must consist of four (4) pigs having the same dam and ear notching accordingly at birth. No recent earmark will be permitted.
- Only one (1) litter will be permitted per 4-H'er.
- Litters are shown by birth date month.
- Order of showing will be the same as for the registered gilts where number and weights warrant separate classes.
- Market litters need not be purebred. They may be all barrows or a combination of barrows and gilts. A market litter must contain at least one (1) barrow. All litters must be earmarked at birth.
- All market litters will be judged on market basis and Grand and Reserve Grand Champion ribbons will be presented. All champion litters shall be shown against each other and a Grand Champion Litter will be chosen from these Champion litters. The Reserve Champion Litter from whichever class the Grand Champion Litter comes out of must be brought into the ring to compete for Reserve Grand Champion Litter.

GILT CLASSES

GENERAL RULES:

- All general swine rules apply.
- All purebred females and barrows must be registered in the 4-H'ers name by the breed registry. A breed registration certificate from the breed registry must be presented at fair check-in. (*Acceptable 4-H livestock registration certificate information located on page 132, #21). A faxed copy of the registration certificate will only be accepted if it is faxed directly to the Hamilton County Extension office from the National Breed Association office.
- All 4-H gilts must be ear notched. The ear notches of purebred gilts must be recorded on their registration papers, which must be presented for verification at the time of entry.
- All purebred gilts must meet the requirements of their breed.
- Purebred gilts without registration certificates, gilts whose ear notches do not match the notches recorded on their registration certificate, and gilts whose registration certificate indicates the animal was mis-notched will not be allowed to show in purebred classes. These gilts will, however, be eligible for the crossbred division, so long as their ear notches match the notches listed on the 4-H member's swine 4-H Online enrollment.
- All gilts exhibited must be born on or after January 1 of current year.

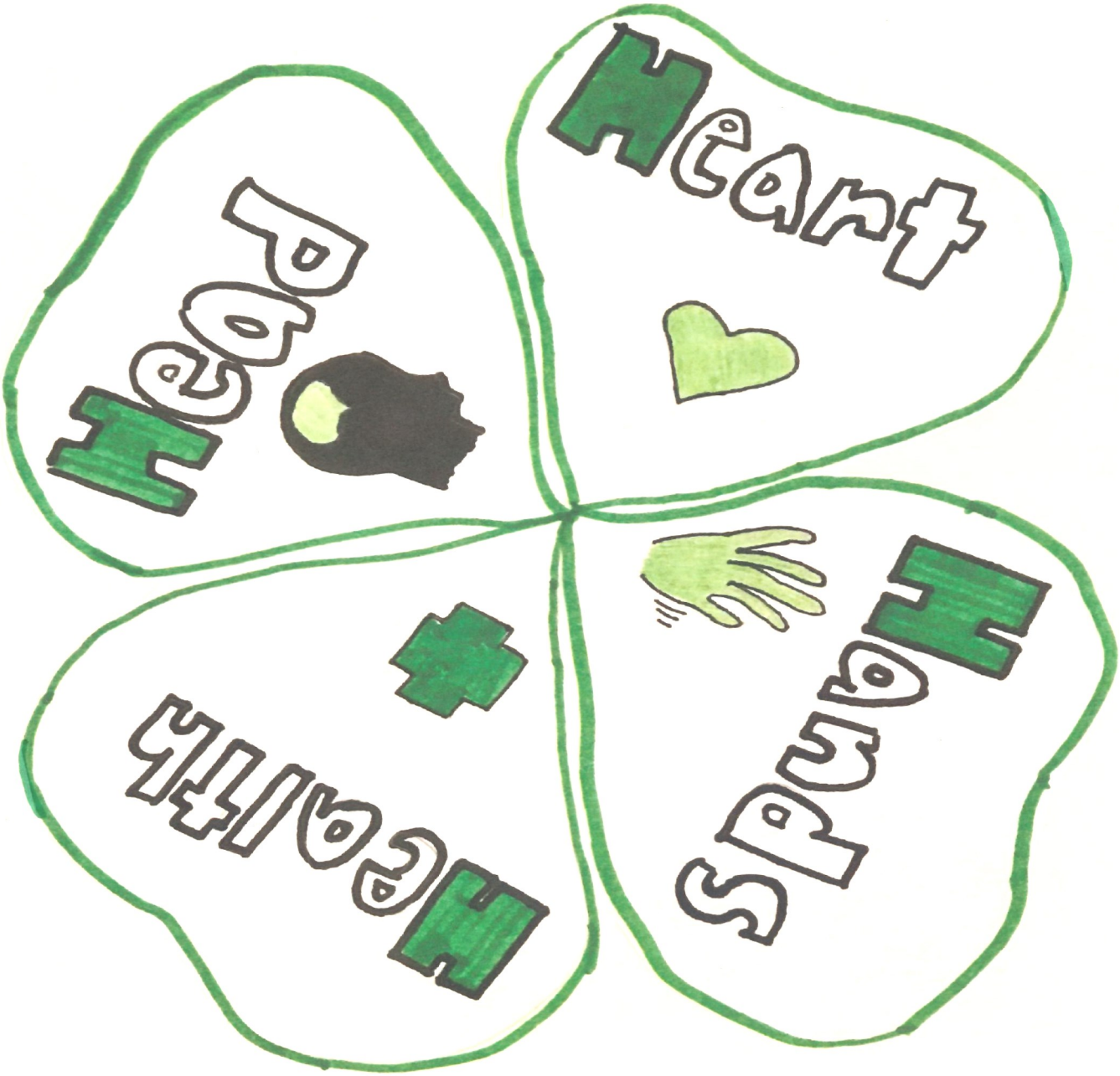
  Purebred gilts will be shown as follows:

  March Gilts
  February Gilts
  January Gilts
- Purebred gilts will be divided by age with no more than a 30 day spread in class.
- Crossbred gilts will be listed according to weight and divided into approximately even classes.
- All Champion Gilts shall be shown against each other and a Grand Champion Gilt will be chosen from these Champion Gilts. The Reserve Champion Gilt from whichever class the Grand Champion comes out of must be brought into the ring to compete for the Reserve Grand Champion Gilt.
- Any items not addressed above will be referred to Indiana State Fair 4-H Swine rules.

MARKET BARROW CLASSES

GENERAL RULES:

- All General rules apply.
- All purebred females and barrows must be registered in the 4-H'ers name by the breed registry. A breed registration certificate from the breed registry must be presented at fair check-in. (*Acceptable 4-H livestock registration certificate information located on page 132, #21). A faxed copy of the registration certificate will only be accepted if it is faxed directly to the Hamilton County Extension office from the National Breed Association office.
- Purebred barrows without registration certificates, barrows whose ear notches do not match the notches recorded on their registration certificate, and barrows whose registration certificate indicates the animal was mis-notched will not be allowed to show in purebred classes. These barrows will, however, be eligible for the crossbred division, so long as their ear notches match the notches listed on the 4-H member's swine 4-H Online enrollment.
- Any barrow showing evidence of testicular tissue is ineligible for the 4-H barrow show.
- All barrows exhibited must be born on or after January 1 of the current year.
- Classes will be divided by breed and weights after arrival at the Fair. 4-H barrows will be listed according to breed and weight and divided into approximately even classes.
- The champion in each breed will compete for the Grand Champion 4-H barrow. The Reserve Grand Champion barrow will be selected from the remaining Champion barrows plus the Reserve Champion barrow of the breed from which the Grand Champion was selected.
- Any items not addressed above will be referred to Indiana State Fair 4-H Swine rules.



Illustrated by: Rebekah Vanderpool

Scholarships, Trips Awards & Recognition

Protected Under
18 U.S.C. 707

2020

www.extension.purdue.edu/hamilton

HAMILTON COUNTY 4-H AWARDS

COMPLETION PINS

Completion pins are available to 4-H members who completed their project record book(s). These pins will be available following the 4-H Fair. Adult 4-H Leaders will check on the year of completion for each 4-H member in their club. The year completed is printed on the pin. These pins will be given out by the leader upon request of the 4-H member.

RIBBONS

All 4-H exhibit ribbons are awarded on merit of Blue, Red, and White. Ribbons are awarded in every project to every exhibit. It is the responsibility of the leader to present the 4-H member with his/her ribbons and scorecards. Project superintendents will place score cards and ribbons in the club leader file box in the 4-H Office at the Fair.

4-H PLAQUES

Grand Champion, Reserve Grand Champion or Champion plaques will be presented to those 4-H members receiving this honor. A picture schedule for Grand Champions will be in the fair issue of the newsletter. The 4-H member must be present to have his/her picture taken, or a picture of the project will be taken. Pictures will be posted online shortly after the 4-H Fair. 4-H members receiving a plaque may pick them up during project check-out.

BRET BORAM AWARD

Under the Direction of
the Hamilton County 4-H Council, Inc.
and
the Boram Family

This award is awarded to a Hamilton County 4-H member through a nomination process.

1. Eligible nominees must be….
   A. A Hamilton County 4-H member currently in their last year of 4-H.
   B. A Hamilton County 4-H member currently or previously involved in 4-H projects (including Beef, Crops, Dairy, Horse & Pony, Sheep, Swine, Tractor Maintenance, Junior Leaders, Woodworking, or Shooting Sports).
   C. Nominated by a Hamilton County 4-H Volunteer, 'Project/Building Superintendent and/or an Ag Teacher.
   D. A Hamilton County 4-H member demonstrating Citizenship, a positive attitude and leadership (willingness to always assist where needed).
2. The Bret Boram award will be an annual cash award presented yearly. The award will be presented to one (1) or more 4-H members annually and the amount will vary.
3. Nominations must be received in the 4-H Fair Office by 12:00 Noon on Sunday of the Fair to be considered for the award. The award will be presented during the Hamilton County 4-H Supreme Showmanship Contest.
4. Volunteers making nominations (nominations can be made by a Hamilton County 4-H Volunteer, Project/Building Superintendent, and/or an Ag Teacher) must complete a Bret Boram Award Nomination Application Form.
5. The 4-H award will be selected on the basis of Citizenship Service (actions of doing with/and for others).
6. Two (2) to (3) three representatives from the Hamilton County 4-H Council and representatives from the Boram family will serve on the Selection Committee. An Extension Educator will serve as an Advisor.
7. The Bret Boram Fund will be invested in a C.D. with a Memorial Savings Account. The award money will be based on income received from the Account. The Hamilton County 4-H Council, Inc. Treasurer and one member of the Boram family will be listed on the Account Signature Card. If at any time the Hamilton County 4-H Council, Inc. disbands/dissolves, the money from the Bret Boram Fund will be returned to a non-profit organization designated by the Bret Boram Family.

SCHOLARSHIPS
Forms are available at the Extension Office
or online at www.extension.purdue.edu/hamilton

Remember your white Record of Achievement needs to be updated so that the committee is aware of your involvement in the 4-H program.

INDIANA 4-H FOUNDATION
The Indiana 4-H Foundation sponsors scholarships to outstanding 4-H members from the State of Indiana. All current 4-H high school seniors are eligible to apply. The number and amount of the scholarship(s) vary each year, and recipients are selected based on the 4-H member's Record of Achievement. 4-H members do not have to be seeking a four (4) year degree to apply (associates, vocational degrees, etc. are eligible). **Due January 25.**

4-H CLUB SCHOLARSHIP
Any young person in their senior year of high school, who is a 4-H club member and who has been a club member for at least four (4) years may apply. You must be enrolled in the College of Agriculture or College of Consumer and Family Sciences and have your FAFSA application on file by March 1. **Due January 25.**

FRANCIS BECK MEMORIAL FUND
The Beck Foundation and The Hamilton County Beef Cattle Association (HCBCA) are jointly sponsoring a special award for those involved in the beef cattle industry. The idea behind this award is to provide assistance (up to $1000 at the discretion of the HCBCA Board of Directors) in some form to help individuals or groups further their skills and or education in the beef cattle industry. **Due May 15.**

GENEVA FISHER
High school seniors or college freshmen, sophomores, or juniors enrolled in the Hamilton County 4-H program are eligible to apply for the Geneva Fisher Scholarship. The amount and number of scholarships vary each year (this is decided by the Hamilton County 4-H Council, Inc. each year). Recipients are selected by the 4-H Council Scholarship Committee. Applications are available in the Extension Office and are **due January 25**.

OUTSTANDING 4-H ACHIEVEMENT AND AGRICULTURAL AWARD
The Hamilton County 4-H Council, Farm Bureau, Extension Homemakers, and Farm Credit Services sponsor a Monetary Award to 4-H members for outstanding project achievement. Selection of recipients is based on members' involvement in one (1) particular project. The recipients are selected by the 4-H Council Recognition Committee. Applications are available in the Extension Office. **Due January 25.**

HAMILTON COUNTY 4-H FOUNDATION SCHOLARSHIP
High School Seniors enrolled in the Hamilton County 4-H program are eligible to apply for this scholarship. The number and amount of the scholarship(s) vary each year. Additional recipients are selected based on the 4-H member's Record of Achievement. Applications are **due *January 25.***

MATTHEW HUFF SCHOLARSHIP
4-H Members in their final year of 4-H eligibility can apply for this scholarship. The amount and number of scholarships vary each year. 4-H'ers can be nominated for this scholarship or complete the application and submit a short essay themselves. Applications are **due June 1.**

ANTIQUE TRACTOR SCHOLARSHIP
4-H Members in their final year of 4-H eligibility can apply for this scholarship. The amount and number of scholarships vary each year. 4-H'ers must complete the application form and have three (3) reference letters. Applications are **due May 15.**

FLO BENSON MEMORIAL SCHOLARSHIP
Scholarship is available to 4-H members who have completed five (5) years or more in the Hamilton County Sheep Project and are in their last year of 4-H. The application is available in the Extension Office and is **due May 1**.

BARNEY HOBBS MEMORIAL HORTICULTURAL SCHOLARSHIP

Eligibility:
* Hamilton County Resident
* High School senior or college student
* Intend to major in horticulture or related subject

The Master Gardener Program, sponsored by Purdue University Cooperative Extension Service, is a volunteer training program to educate the community about gardening and horticulture related topics. In keeping with this purpose, the Hamilton County Master Gardener Association announces the Barney Hobbs Memorial Horticultural Scholarship.

Barney Hobbs was a founding member of this Master Gardener Association. He possessed a strong volunteer spirit and a wonderful personality. This scholarship pays tribute to Mr. Hobbs and his many horticultural accomplishments.

A scholarship in the amount of $3,000 will be awarded to at least one (1) Hamilton County high school senior or college undergraduate student who has declared an intent to major in a horticulture or related subject, such as botany or landscape architecture. Applications are due in the Extension Office by **March 15.**

TRIPS, AWARDS and/or RECOGNITION

4-H trips in Hamilton County are sponsored by the Hamilton County 4-H Council, County service clubs, Hamilton County Farm Bureau, Extension Homemakers, and the 4-H Families. To be eligible for a 4-H trip, the trip interest form must be completed and returned to the Extension Office by **March 1**. The 4-H Council Recognition Committee will select the recipients. For further information on the 4-H trips, contact the Extension Office.

NATIONAL 4-H YOUTH CONGRESS JUDGING

Any 4-H member grade 9 and above may complete the appropriate application available from the Extension Office. State competition for a trip to National 4-H Youth Congress is for members grade 9 and above.

This event, held once a year, has four (4) objectives:

To offer new and stimulating educational experiences for 4-H members;
To motivate 4-H members to greater effort and to recognize their achievements;
To provide opportunity for industrial, agricultural, and educational leaders to contribute cooperatively to the development of young people;
To focus public attention on the values of the 4-H program in developing competent, dedicated youth for service to a democratic society.

Due May 1.

TENURE AWARD

- To give public recognition to two (2) 4-H'ers from each county having the best record in terms of tenure in 4-H membership and there by encourage Indiana 4-H members to continue in the program for a longer period of time, plus the greatest number of projects in your county to encourage greater participation in all 4-H projects.
- To take advantage of the opportunity to publicize 4-H in Indiana and 4-H representation in each county.

STATE 4-H BAND - June 20-22, 2020

Delegates are chosen through written application. Must be 9th grade or above as of January 1 of the current year. Application forms must be completed by the 4-H member and band director. Final selection is made by the state 4-H band director. Band members attend an intensive workshop prior to the annual 4-H Round-Up and play at the opening session of Round-Up. Registration deadline is April 1. **This is not a county sponsored trip. 4-H members must pay their own fees.** Website: bit.ly/IN4Hband

STATE 4-H CHORUS - June 20-23, 2020

4-H'ers who have completed grades 9-12 may apply. The group attends an intensive workshop prior to the annual 4-H Round-Up and performs at the closing session of 4-H Round-Up. Membership is by application which includes a recommendation by their vocal and/or choral instructor. Registration deadline is April1. **This is not a county sponsored trip. 4-H members must pay their own fees.** Website: bit.ly/IN4Hchorus

STATE 4-H JUNIOR LEADER CONFERENCE- June 16-19, 2020

The Conference is for 4-H Junior Leaders who have completed grades 9-12.The program focuses on developing leadership, understanding of group dynamics, and an awareness of self and others. It is carried out with the guidance of Junior Leader council members elected at each conference to conduct next year's program. Registration is due May 15. Facebook: @4HSJLC Website: purdue.ag/4HSJLC

4-H ACADEMY AT PURDUE - June 10-12, 2020

- Over 15 career exploration workshops available. Open to all youth grades 9-12. Students visit Purdue University to interact with faculty and industry professionals and meet new friends across Indiana. Registration deadline is May 15. Website: bit.ly/4Hacademy
  - ⇒ Animal Science
  - ⇒ Personal Finance
  - ⇒ Computer Science
  - ⇒ Journalism
  - ⇒ Natural Resources
  - ⇒ Flight
  - ⇒ Electric
  - ⇒ Health
  - ⇒ Entrepreneurship
  - ⇒ Plant Science
  - ⇒ Engineering
  - ⇒ Food Science
  - ⇒ Civic Engagement

CITIZENSHIP WASHINGTON FOCUS- June 27- July 4, 2020

Participants must be at least 15 years of age and in 9th grade or higher by the first day of the trip. An exciting experience for 4-H members and other youth of senior high school age to go to the nation's capital and learn more about the meaning of citizenship. Listening, learning, sharing, receiving, caring, and touring combine to provide a deeper respect and understanding for our American heritage and the principles, processes, and structures of the U.S. government. The trip to Washington, D.C., will be made by Purdue charter bus.

- Young people acquire increased motivation and skills for dealing with contemporary social issues and for taking leadership in community development, government affairs, and related projects when they return home.
- Each delegate will take part in workshops on contemporary issues and topics such as international affairs, human relations, government, ecology and conservation, family life and dating, community development, drama and creative expression, economics, agricultural policy, leadership, and careers.
- Advanced training sessions are scheduled to provide in depth concentration on one (1) topical area such as community development, heritage, economics, politics, environment and ecology, human relations, communications, family life and dating, advanced citizenship-seminar, policy, and others of current interest.

Registration deadline is March 15. Website: purdue.ag/4Hcwf

NATIONAL 4-H CONFERENCE– March 28 - April 2, 2020

- To help selected youth and adults develop to their maximum potential by providing opportunities to participate actively in 4-H program development outside their state and at national levels.
- To assist states in the further development of a system for involving youth, volunteers, and professional staff in 4-H program planning in their states.
- To provide an opportunity for Conference delegates to update elected and appointed government officials, national associations, donor groups, etc., on current developments in 4-H programs at national, state, and local levels.
- To provide a system for an exchange of 4-H programming ideas among states at a national gathering of delegates from each state. Applications are due December 1. Website: purdue.ag/National4HConference

STATE FAIR EXHIBIT HALL WORKERS– End of July through completion of IN State Fair

Display and supervise exhibits in 4-H Exhibit Hall and Agriculture Horticulture Building. Includes check-in, check-out of exhibits, assisting judges, ribbon placement, record keeping, and safeguarding of exhibits. Also, includes some assignments working with demonstrations, public speaking, fashion revue, and tractor operator contests. Employment opportunity for youth age 14-college age. Applications due April 15, 2020. Website: purdue.ag/IN4Hehw

4-H ROUND-UP- June 22-24, 2020

Youth who have completed the 7th, 8th, and 9th grade. Unlimited number of delegates per county. Round-Up is a three (3) day educational experience designed especially for teens. Registration deadline is June 1.
Website: bit.ly/IN4HRoundUp

In addition Round-Up delegates can:

- Experience in depth "action learning" in specific interest areas
- Develop leadership abilities and stimulate individual growth
- Learn about educational opportunities of college life

NATIONAL 4-H DAIRY CONFERENCE- September 27 - October 1, 2020

4-H'ers enrolled in the dairy project may be nominated. Delegates will be selected on the basis of achievement. The delegates should meet the following requirements:

- Must have completed at least three (3) years of 4-H dairy program.
- Grades 9-12 completed.
- Should have an outstanding record of 4-H accomplishments with major emphasis on dairy animal projects.
- Should have the ability to make a real contribution to the conference and be capable of bringing inspiration and information back to their home county.
- Cannot be an exhibitor in the World Dairy Expo or participant in National 4-H Dairy Judging contest.
- Will not be permitted to attend this conference more than one (1) year.
- Must provide their own transportation to West Lafayette.
- Must stay throughout the entire conference.

Purpose:

- To provide an educational program for better understanding of the operations involved in the production, processing, marketing, and use of dairy product.
- To provide a means by which youth can achieve educational objectives based on the developmental needs of youth.
- To provide a broader understanding of careers available in dairy production, processing marketing, and selected areas.

Objectives:

- To increase understanding of the dairy industry.
- To learn about additional vocational and professional opportunities in the dairy industry.
- To practice good citizenship, group participation, and leadership responsibilities.
- To develop additional individual initiative and competence in areas of special interest and aptitude in the dairy field and related areas.

Website: purdue.ag/National4HDairy

4-H PERFORMING ARTS - Area Invitational 4-H Performing Arts is in May 2020

Audience: Area 4-H Performing Arts winners. The best act out of each area contest may be sent to perform at 4-H Round-Up. The two (2) remaining area contest winners will be invited to perform at the State Fair. The best act may be selected from any of the following three (3) categories.

I. Group Acts
   Number of performers: Five (5) or more performers
   Performance time limit: 5-8 minutes
   Types of acts: Skits or sketches, choral number, dance routines, lip sync

II. Curtain acts: Non-Musical
   Number of performers: One (1) to four (4) performers
   Performance time limit: 3-5 minutes
   Types of acts: Skits or sketches, magic, clowning, rhythmic gymnastics, reading, 4-H cheerleading routines, choral speaking, reading, dance (ballet, tap, modern, etc.) lip sync, juggling, acrobatic feats, ballads, puppetry.

III. Curtain Acts: Musical
   Number of performers: One (1) to four (4) performers
   Performance time limit: 3-5 minutes
   Types of acts: Instrumental (piano, guitar, flute, drums, etc.), vocal, bands (rock, country, jazz)

   Special Note: Area winners will be screened at the State level and only those consistent with Indiana's 4-H mission and values will be invited to perform.

CAMP

HAMILTON COUNTY 4-H CAMP- June 10-12, 2020

Canoeing, fishing, biking, and recreation are all a part of 4-H Camp which will be held at Camp Shakamak. Camp is for 4-H'ers grades 3-6. Many fun things are planned - put it on your calendar today! More information will be sent to each eligible 4-H member in April.

EXPLORING 4-H DAY CAMP - June 16-17, 2020

A two (2) day camp is held in June, for youth just completing grades K-2 who want to learn more about the 4-H program. Each participant completes an exhibit for the 4-H Fair, participates in games and activities, and "hands-on" learning workshops. Each member also receives a 4-H T-shirt. Contact the Extension Office for a registration form.

THIS I BELIEVE

It's not what we know but what we believe that determines what we do.

It is through the understanding of 4-H objectives and principles that the 4-H Club leader can best contribute to the basic development of the 4-H boy and girl.

All leaders in the 4-H program might well compare their 4-H club objectives and their own beliefs with the ones listed here.

1. The 4-H boy and girl are more important than the 4-H project.
2. 4-H is not trying to replace the home, the church or the school – only supplement.
3. 4-H'ers should be their own best exhibit.
4. No 4-H award is worth sacrificing the reputation of a 4-H member or leader.
5. Competition is a natural human trait and should be recognized as such but should not be overemphasized in 4-H club work.
6. Learning how to do the project is more important that the project itself.
7. Many things are caught rather than taught.
8. A blue ribbon 4-H boy with a red ribbon pig is more desirable than a red ribbon boy with a blue ribbon pig.
9. To "learn by doing" is fundamental to any sound education program and characterizes the 4-H program.
10. Generally speaking, there is more than one good way of doing most things.
11. Every 4-H member needs to be noticed, to feel important, to win and to be praised.
12. Our job is to teach 4-H members how to think, not what to think.

Purdue University is an equal opportunity/equal access/affirmative action institution.