

## JEFFERSON COUNTY 4-H PROGRAM STATEMENT OF POLICY

**The Jefferson County 4-H program serves the youth of Jefferson County 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 young people. We treasure the rich heritage of 4-H and want to ensure that 4-H is available to future generations of Indiana youth.**

This document sets out certain standards and guidelines to be used to assure that 4-H is good for our youth. County 4-H policy is guided by the county 4-H policy-making or governing board (i.e., 4-H Council/Fair Board) as provided by the County Extension Board. Legal authority for the 4-H Program rests with the Director of Cooperative Extension, Purdue University. No county 4-H policy may conflict with state 4-H policy or federal requirements.

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

**MEMBERSHIP:** Youth may become 4-H members if they are enrolled in the 3<sup>rd</sup> grade and may continue their membership through the completion of grade 12 (with a maximum of 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 a 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 or disability. 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 exhibit to the next. Enrollment is an annual process attained by completing the online enrollment during the annual enrollment period, October 1- January 15.

**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 Extension Educator(s). Participation in 4-H related activities and events (i.e. judging; Performing Arts) must be in the county of primary 4-H enrollment.

This 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 4-H Extension Educator(s).

Note: In a statement from our federal partner in Washington D.C., the following statement appears: *"Anytime there are procedures for exclusion of individuals from events which use the 4-H name there are potential challenges to enforcement of the exclusions. The challenges have a substantial potential to prevail and they frequently result in negative publicity for the organization. Therefore, before choosing a policy of exclusion it is wise to evaluate the exclusion being considered, to be sure there is an overwhelming educationally based need for the exclusion."*

Extension employees and volunteers are obligated to eliminate (and should not create) any practices that limit, deprive, or tend to deprive any youth of opportunities for membership and/or participation in the Indiana 4-H program.

**DEADLINES:** The proper compliance with established, stated and published final dates and deadlines is considered an appropriate expectation of 4-H membership. Submitting things on time and following the rules is part of the 4-H learning experience and is considered a reasonable thing to do. Individuals not complying with these expectations may lose awards and privileges. This is especially true in animal projects where animal ownership, raising and identification has a specific time period as part of the project requirements. Members not complying with established and published dates and deadlines for exhibition may be denied exhibition privileges as well as premiums or awards for that project.

**4-H Enrollment deadline is January 15.**

**PARTICIPATION: Attendance and participation at 4-H meetings is highly encouraged as a part of the overall educational experience.** 4-H meetings should be of the quality that 4-H members should want to attend, participate and learn something beneficial. Also, rewarding 4-H clubs, 4-H members and 4-H volunteers for attendance and participation in meetings, tours, workshops, local and county exhibits, etc. is encouraged. The rewards for participation in 4-H meetings, tours, and activities should be significant enough to cause the 4-H member to see the advantage of reacting positively. 4-H volunteers and members of local clubs may establish goals for attendance, exhibits, completion, etc. to meet the criteria established for

awards and recognition as long as they do not conflict with stated county, area/or state policies.

**EXHIBITION:** Exhibition of 4-H projects in local, county or state exhibits/fairs is considered a privilege and 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, entertain wholesome competition and enjoy an educational/social environment with their peers. With the privilege of exhibition also comes the responsibility for abiding by all of the terms and conditions pertaining to the respective 4-H project. Not following the established terms and conditions of the projects will be grounds for exclusion from the competition/exhibition or the project itself.

**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 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 existence of the completed project. Though exhibiting in local/county and state exhibits/fairs is not required for project completion, as it does not necessarily directly relate to learning received in development of a 4-H project, project exhibition should be encouraged as a continuation of the educational experience.

### **GUIDELINES FOR ANIMAL EXHIBITS:**

Each 4-H member shall own his/her 4-H exhibit. Ownership, personal possession, and regular care of the animal must be in effect on or before the county and state 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 legal guardians 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.

### **General Terms and Conditions Revised 8/15**

- Dairy heifers, horses, ponies, and llamas may be leased subject to approval of both the county 4-H dairy, horse and pony, or llama committee and the respective County Extension Educator.
- 4-H animals exhibited after the animal ID deadline (April 1 for steers, and 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 in Indiana 4HOnline 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 ID deadlines, the person who enters them in the Indiana State Fair 4-H show is the equivalent of the owner of the animals.

- 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 ID deadline until the conclusion of the county and/or state fair.
- 4-H animals purchased, sold or offered for sale after the ID deadline and prior to the Indiana State Fair (including animals that have gone through a "Premium Only Auction"), shall not be eligible to show in the 4-H show at the Indiana State Fair. Sale of products of animals (milk, cheese, wool, etc.) in lieu of the animal, are considered equivalent to a "Premium Only Auction."

### **BEHAVIORAL CRITERIA FOR 4-H EVENTS & ACTIVITIES:**

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 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) Dishonest in connection with any 4-H activity by cheating or knowingly furnishing false information.
- b) Alteration or 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 of or malicious damage to property.
6. Possession, use, or distribution of alcohol, illegal drugs, tobacco and tobacco-like products, or other dangerous substances.
7. Inappropriate displays of affection towards another person(s).
8. Inappropriate clothing or lack of clothing during event or activities.
9. Lewd, indecent, or obscene conduct.
10. Unauthorized entry use or occupancy of any facility.
11. 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.

**PENALTIES:** If, in the opinion of the county 4-H Fair Board, evidence of alteration and/or excessive outside help and/or misconduct is noted, the exhibit and/or 4-H'er may be disqualified from the show and/or all premiums and/or awards forfeited and/or the 4-H'er may be subject to a one year disbarment from participation in that project and/or other related 4-H projects and/or events and/or activities.

**SPECIAL NOTE:** When infractions in regulations and/or policies take place in the livestock project, special penalties will be enacted. In addition to the above stated penalties, animals unethically fitted or altered for show and sold at the 4-H Auction will have all premiums associated as a 4-H reward removed from the sale price of the animal. The animal sale price provided to the 4-H'er will be that of the day's going market value with anything above said market price retained by the 4-H organization as a penalty for the infraction.

## GENERAL 4-H FAIR RULES

### 4-H ENROLLMENT DEADLINE IS January 15<sup>th</sup>

#### **MEMBERSHIP FEES:**

Mini 4-H	\$1.00
State Enrollment Fee	\$15.00
4-H per project fee	\$2.50

1. The Jefferson County 4-H Fair is open to all 4-H members enrolled in offered projects. Membership requires enrollment online at [in.4honline.com](http://in.4honline.com) or the completion and turning in of an enrollment form to the Extension Office (this is the responsibility of each member).

2. **4-H age requirements:** Youth will be in the 3<sup>rd</sup> grade through the 12<sup>th</sup> grade as of 9/1/19. (Note: Any 3<sup>rd</sup> grade student under the age of 8 years old, at the time of show, will not be permitted to show animals at the County Fair). Maximum of 10 yrs.

**Mini 4-H age requirements:** Youth will be in the Kindergarten through 2<sup>nd</sup> grades as of 9/1/19.

3. The Jefferson County Fair Board is not responsible in case of personal loss, theft, or injury during the fair.

4. Exhibits are shown at the 4-H members own risk.

5. All exhibits will remain on display from entry time until dismissal time unless special permission is received from Fair Board/Staff.

Any member taking an exhibit from the fairgrounds between check-in and official check-out **without permission from the Fair Board** will forfeit their ribbons, awards, and premium on that exhibit. (Example: the grand champion photography poster is removed on Wednesday without permission, the member will lose their ribbon and premium as well as the trophy.)

6. Blue, red, or white group placing ribbons will be awarded. Premium prize money will be awarded after 6:00 p.m. Thursday or one day after your last project is judged during fair week.

7. Champion and Reserve Champion ribbons may be awarded in each division or class, if winner receives a blue ribbon (at the discretion of the judge). In livestock some classes may be divided by weight - there will be only one (1) champion for the entire class.

8. State Fair selections are made in accordance with State Fair regulations.

9. Parents and members are encouraged to be present during all Open Judging.

**OPEN JUDGING** is when the 4-H member is present while the judge is judging the 4-H exhibit and **ONLY** the 4-H member responds to the questions the judge may have about the exhibit/project. This usually takes 1-3 minutes for exhibit hall projects. If the member can not be present, a score card will be completed. The purpose of open judging is to extend the learning experience for the 4-H member.

**CLOSED JUDGING** takes place when 4-H members are not allowed to stay and hear the judge's comments.

10. All projects shall be entered according to current year County 4-H Handbook, and project requirements. **(County Handbook takes precedence over project manual).**

11. No exhibitor shall have more than one entry in any project except for livestock, poultry, rabbits, arts & crafts, photography and Garden. \*\* See project information for specifics.\*\*

12. It is the **responsibility** of the **4-H member** to enter a project in the correct class. Any entry not correctly classed will receive a white ribbon.

13. Projects entered before or after due dates and times will receive green ribbons and money unless special permission is granted by Project Superintendent.

14. **No dogs will be allowed on the grounds OFF LEASH. Any person bringing a dog to the fairgrounds will need to bring a scooper to clean up after their dog.**

15. **The decision of the Judge will be final.** Any protest should be filed in writing to the Youth Educator within 24 hours of incident. No other protests will be considered.

16. 4-H Adult Leaders, Superintendents and Junior Leaders will be responsible for the check-in, check-out, and arrangement of all projects.

17. **To complete a 4-H project, a youth must be the owner, actually do a major share of the work, and keep an accurate completed record to be turned in to the Fair Office,** following project check in of the County Fair. Each completed record sheet will be graded. Ribbons and premiums are awarded for 4-H Fair Exhibits.

18. Premium money not collected by October 1st will be forfeited. **NOTE:** Premium money for the Fall Crop Show must be collected by January 1.

**Group placing ribbons will be used for all 4-H exhibits.**

**Premiums for all projects except animals are:**  
Blue - \$1.75 Red - \$1.50 White - \$1.25

**Beef, Dairy, Horse & Pony (halter class only)**  
Blue - \$6.25 Red - \$5.25 White - \$4.25

**Swine, Sheep and Dairy Goat**  
Blue - \$5.25 Red - \$4.25 White - \$3.25

**Poultry, Rabbit, Dog, and Cat**  
Blue - \$2.25 Red - \$1.75 White - \$1.25

**4-H members and their families are not to visit with a judge prior to project judging or the livestock show.** If a member has any questions for the judge, those questions are to be given to the livestock superintendent and the species superintendent will present them to the judge. The judge will address any questions prior to the show to all members over the PA system, so everyone hears the same thing.



### EXHIBIT HALL PROJECTS

#### Project Exhibit Checklist

Before you come to the County Fair with your Exhibit Hall project, be sure to check the following:

	Yes	No
1. Is the project itself complete?	___	___
2. Have you filled out the Record Sheet and put it in the green 4-H folder to turn into the Fair Office?	___	___
3. Have you completed the Fair Entry Process online?	___	___
4. Have you picked up your exhibit tags at the Extension Office (multiple pieces need multiple tags)?	___	___
5. Have you checked your poster against the poster checklist?	___	___
6. Is there a name tag on your project?	___	___
7. If foods, do you have your recipe card with the project?	___	___
8. Does recipe card include your name & recipe source?	___	___

**Poster Checklist** (see poster pointers for help at back of handbook) Each poster should have the following:

	Yes	No
Is it 22" x 28"?	___	___
Is it horizontal ?	___	___
Does it have a stiff backing?	___	___
Is it covered with clear plastic?	___	___
Does it have a name information label <b>on the back</b> of the poster?	___	___
Size of other labels meet project requirements?	___	___
Does it include a reference list attached To the back of the poster?	___	___

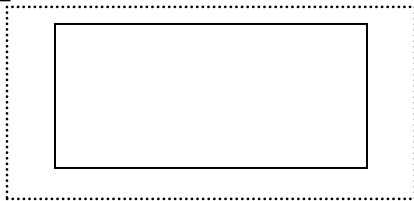
#### POSTER GUIDELINES

**(See Poster Pointers at end of Handbook for all rules)**

Posters are to be 22"x 28". Posters are to be displayed HORIZONTALLY. All posters are to be backed with stiff backing such as cardboard, foam board, etc. Posters are to be covered with a clear plastic. Poster foam board & plastic sleeves are available at the Extension Office for a cost.

#### Plastic Covering....

Poster



Information labels on all poster projects are to be the size listed in the manual. (This does not include the optional color framer under the information label).

**NOTE:** The Fair Board recommends that a member not use staples or thumb tacks to attach cover plastic to the poster. Masking tape, duct tape, and packaging tape are all good to use.

IF ANY OF THESE GUIDELINES ARE NOT FOLLOWED YOUR EXHIBIT MAY BE DOCKED ONE RIBBON GRADE (AT JUDGE'S DISCRETION).

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 web site links, people and professionals interviewed, books, 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 exhibit for the manner in which references are listed.

#### **RULES FOR 4-H LIVESTOCK EXHIBITS**

\*\*See Guidelines for Animals Exhibits on Page 2

**PLEASE NOTE: 4-H'ers must clean pens daily as well as provide clean bedding and water daily.** The Livestock Barns are to be cleaned-up by 5:00 p.m. every day of the fair. All lawn chairs, chairs, grooming stands/racks, and unnecessary equipment are to be **removed from the barn aisles** in order to keep aisles open by 5:00 p.m. each evening.

**XXXXXXXX YQCA XXXXXXXXX**

**\*\*\*ALL 4-H MEMBERS TAKING DAIRY, BEEF, GOAT, POULTRY, RABBIT, SHEEP & SWINE MUST COMPLETE THE YQCA TRAINING. THE YOUTH QUALITY CARE OF ANIMALS, YQCA, IS A NEW PROGRAM THAT TAKES THE PLACE OF THE PQA. THOSE SWINE MEMBERS WHO TESTED OUT OF**

**PQA WILL NOT NEED TO TAKE YQCA AT THIS TIME. See 4-H Newsletter for training opportunities in person or online.\*\*\***

**ALL LIVESTOCK MUST REMAIN ON THE FAIRGROUNDS FROM CHECK-IN THRU CHECK-OUT LATE FRIDAY EVENING OR LOSE THEIR RIBBON, PREMIUM, AND TROPHY.**

19. All livestock and poultry must meet health requirements as established by the Indiana Livestock Sanitary Board in order to exhibit.

20. All livestock must be officially enrolled and identified online prior to designated dates. Designated dates are as follows: Winter tagging date for beef steer, dairy steer, and all beef heifers.

- **March 1** - dog.

- **April 1** – last day to enter beef steers in the 4-H online.

**May 1**- registered beef heifer, dairy, horse & pony, rabbit, poultry. **Spring tagging date** - swine, sheep, and goat. **Premise ID # must be provided on Tagging Day.**

***All Animals must be enrolled online with ID's by 4-H'ers no later than May 15<sup>th</sup>.***

21. No animal may be shown at the county fair by more than one exhibitor.

22. All animals shown by 4-H members must be owned or in partnership with family. Any deviation, such as leasing an animal, MUST be approved by the Fair Board by the deadline for animal enrollment.

***A 4-H animal exhibit may not be maintained at a professional fitter's facility (excluding horses which follow county policy).***

23. Each 4-H member will be allowed to show no more than four (4) head of each of the following species: Beef, Dairy, Dairy Goat, Meat Goat, Horse & Pony, Sheep, and Swine. **Cow/Calf equal 1 head. A calf can be shown in heifer or feeder calf class and not count toward the 4. This is to promote the feeder calf project.**

24. **Leasing** – This is for 4-H members **who do not already have** a livestock animal to show at the fair (Exception – horse & pony). One female animal may be leased (i.e., beef heifer, ewe, dairy cow, gilt, dairy goat, & horse) from another farmer in Jefferson County. Only one (1) gelding or mare may be leased for Horse & Pony from a Jefferson County farm. The idea is to allow youth in 4-H who do not have the chance to work with or care for a farm animal to learn about them. They will be required to get a lease agreement from the Extension Office, fill it out with the individual leasing the animal, and **present it in person to the Fair Board for their approval prior to deadline dates as designated in**

**Rule #20 above.** The Fair Board has the right to refuse any lease they feel is not valid. The 4-H'er will be required to care for and show the animal just as if it were their own. **All leased animals must have their Official Lease Form and Identification form in the Extension Office by May 1 (even though the last possible approval time at the Fair Board may be after May 1). NO FEMALE ANIMAL LEASED WILL BE ALLOWED TO SHOW AT THE INDIANA STATE FAIR** (pertains only to heifers, gilts, ewes, and dairy goats). **ONLY FEMALE ANIMALS CAN BE LEASED** (except horses).

**NOTE:** Any exhibitor using inhumane treatment of 4-H animal projects will be eliminated from the show and all premiums forfeited.

25. Adult male animals will **NOT** be shown, except for rabbits, poultry and other fowl, dogs, cats, and weanling horses.

**26. EACH 4-H MEMBER MUST SHOW THEIR OWN ANIMALS AND PRESENT THEIR OWN ANIMAL FOR SALE DURING THE AUCTION.**

Exception to this rule, such as illness, requires permission of the specie superintendent affected or in case of the auction, the permission of the auction superintendent. Animal can only be shown by 4-H member enrolled in Jefferson County 4-H.

27. If any animal becomes rowdy and creates a hazard to individuals and/or other livestock, it will be sent home, by discretion of the Fair Board.

28. Wash animals in designated areas. Once an animal is washed, it is to be returned to its stall or pen. **Wash racks are not to be used as a holding pen for livestock.**

If you have any questions, check with the livestock superintendent.

29. In order to sell steers, barrows, market lambs, grand champion meat goat wether, champion meat pen in poultry and rabbit in the livestock auction, animals must be shown in their proper class. The only exception is the gallon of milk to represent the Grand Champion Dairy female and the pound of cheese to represent the Grand Champion Dairy Goat Female. Reserve Grand Champion may sell in the event Grand Champion chooses not to.

30. No motorized vehicles and/or trailers are allowed in the livestock barn area except for handicap or those approved by the Fair Board.

**31. Dogs are not to be in the livestock barns or show ring area during the fair.**

**32. ALL GROOMING CHUTES WILL BE DISMANTLED AND REMOVED FROM THE BARN AREA ON THE DAY OF AUCTION BY 12:00 NOON EXCEPT FOR**

**GRAND AND RESERVE GRAND CHAMPION BEEF AND GRAND CHAMPION DAIRY.**

33. If possible, a designated area will be set aside for grooming chutes, stands, and manure spreaders.

**34. The 4-H member is responsible for bringing feed for animals and to feed and water them daily. Sawdust is available for bedding (free) at fairgrounds.**

**35. ALL LIVESTOCK MUST BE TIED OR PENNED FROM 5:00 - 10:00 P.M. EACH EVENING AT THE FAIR UNLESS THE ANIMAL IS BEING SHOWN IN THE LIVESTOCK ARENA.**

36. All livestock members are required to complete their record sheet and turn in following project check-in at the County Fair **before premium is paid.**

37. There must be at least three entries per breed class in the market show or the animals will be put into an "all other breeds" class. There must be at least 5 in the all other breed class or these animals will be put into the crossbreed class.

38. After animals are checked in with the species superintendent at the Fair. ***There will be no switching of breeds for their animals.***

**REMINDER:** Parents and/or friends are to remain **OUTSIDE** of the show arenas during the shows.



## **GROOMING RULES FOR ALL LIVESTOCK**

**40. Tampering, altering, and /or misrepresentation** relative to any exhibit is prohibited. This prohibited activity includes, but is not limited to breeding, age, ownership, and/or method of preparation or completion. (Example, with animal exhibits this includes, but is not limited to, coloring that alters or misrepresents breed characteristics, pumping, attaching hair/hair substitutes, filling, or icing and/or drenching- no direct application of ice, ice water, alcohol, freon, or any type of refrigerant to the hide of the animal.

**41. Unethical fitting of animal exhibits** is defined as the administration of any substance to include, but not limited to, drugs (as identified and unidentified foreign substances), blood, oils, steroids, air, chemical substances and icing or performance of any surgical or non-surgical procedure altering the animals configuration or natural conformation of any part of the animal's body, or rendering its tissues unfit for human consumption is prohibited. Exceptions that are allowed in numbers 40 and 41 include hoof trimming, dehorning, removal of hair, manipulation of normally attached hair (1/2 inch rule

for swine), castration, branding, tattooing, ear notching, docking of tails on sheep and swine, and coloring that does not alter or misrepresent breed characteristics.

42. **Clipping and grooming assistance** - the 4-H animal exhibitor may receive assistance only from their immediate family which is defined as a father, mother, legal guardian, brother, sister, grandfather, grandmother, aunt or uncle or from another Jefferson County 4-H exhibitor, and the specie superintendent (during the fair).
43. **Consequences of breaking rule 40, 41 & 42-** If the 4-H member breaks these rules, all their animals in that specie are out of competition and must go home.

***These rules are in compliance with those in the State Fair 4-H Exhibitors' Rules.***

## **SHOWMANSHIP**

### **JUNIOR SHOWMANSHIP**

Open to all 4-H members enrolled in grades 3-5 as of January 1, 2020

### **INTERMEDIATE SHOWMANSHIP**

Open to all 4-H members enrolled in grades 6-8 as of January 1, 2020

### **SENIOR SHOWMANSHIP**

Open to all 4-H members enrolled in grades 9 and up as of January 1, 2020

Members cannot compete in two (2) showmanship classes in the same year in same specie. 4-H'er must own animal and be enrolled in project in Jefferson County.

## **ROUND ROBIN**

The winner of the Senior Showmanship in poultry, rabbit, beef, dairy, goat, swine, sheep, and horse will have the opportunity to compete in the Round Robin Contest of Showmanship. The contest will be held on Friday at 6:30 pm in the show arena. (If a member has already won Round Robin representing one specie, they can compete again in a different specie.)

### **The Jefferson County 4-H Fair Board recommends the following for proper dress while showing livestock:**

1. Members need to wear boots or work shoes while showing for the member's safety. No sandals or flip-flops should be worn while handling any livestock or while on horses.
2. Members should wear a shirt and long pants (prefer no t-shirts with writing, pictures, and advertising) and look neat.
3. In the Rabbit & Poultry project, members are to wear a long-sleeve shirt, long pants and look neat.

## **AUCTION SALE ORDER**

BEEF  
BARROWS  
MARKET LAMBS  
WETHER GOAT, POULTRY MEAT PEN,  
1 LB. CHEESE, GALLON OF MILK,  
CHAMPION RABBIT MEAT PEN

## **4-H LIVESTOCK AUCTION RULES**

Linda Shimfessel, Sale Manager

**Date: last Friday of the Fair**

**Time: 1:00 p.m.**

4-H club members who desire to sell their beef steers, market sheep, barrows or Grand Champion Market Goat which they have exhibited in the Fair may do so by recording them with the Auction Manager. Beef and Swine to be sold will be weighed on Monday morning at livestock pictures under the supervision of the Sale Manager and Beef Superintendent. They are not to be fed or watered on the morning of their weighing until after the animals are weighed. The sale weight on the sheep, and goat will be the weight taken as they enter and will not be reweighed.

All animals to be sold will be appraised by a competent commission firm prior to the Auction. This appraisal becomes the sale price in case the animals do not bring as much in the Auction. **Anyone having extra animals to go to the appraiser must notify the Sale Manager or Specie Superintendent by 12:00 noon on Wednesday of the fair.**

With this knowledge of the value of the animal, the 4-H club member has his/her option of whether or not to enter the sale ring. **This decision must be made by 10:00 p.m. on Wednesday evening and the Sale Superintendent and/or Specie Superintendent must be informed.** Once the animal is in the sale ring, absolutely no bye bidding will be tolerated.

In order to sell in the Livestock Auction, animals must be shown in a class with the exception of the gallon of milk, which is sold to represent the Grand Champion Dairy and the 1 pound of cheese to represent the Grand Champion Dairy Goat. In the event the exhibitor of the Grand Champion Dairy Goat, Meat Pen Poultry, Meat Pen Rabbit, or Grand Champion Wether Goat chooses or is not eligible to sell, the Reserve Champion has the opportunity to sell.

Only steers, barrows and market lambs will be sold. All animals going through sale must go immediately to slaughter and never be shown again. **No animals listed for sale in the Livestock Auction can be withdrawn after 9:00 p.m. on Thursday evening.**

Members selling livestock on Friday will be responsible for the care and clean-up of animals until they are loaded out on Friday evening.

**ALL BARROWS MUST WEIGH AT LEAST 220 LBS. AND NOT OVER 300 LBS. TO SELL IN THE AUCTION.**

**ALL MARKET LAMBS MUST WEIGH AT LEAST 80 LBS. TO SELL IN THE AUCTION.**

**ALL STEERS MUST WEIGH AT LEAST 900 LBS. TO SELL IN THE AUCTION.**

**WETHER GOAT MUST WEIGH AT LEAST 50 LBS. TO SELL IN THE AUCTION.**

Members can only sell ONE (1) animal in the Auction.

4-H members will be charged 2.5% of selling price for livestock sold in the Auction.

**ALL SALES WILL BE IN \$ \$ \$ (like the gallon of milk) not price per pound of the animal.**

### **Auction Pictures**

All Livestock Members are required to have their picture taken with any animal they intend to auction on Monday morning of the Fair in the following order beginning with:

Beef (during weigh in) at 6:00 am

Swine- 6:30 a.m.

Sheep- 7:00 a.m.

These pictures are given to the Buyer of the animal at the Auction. Show attire is required.

## **HERDSMANSHIP PROGRAM**

### **RULES & INSTRUCTIONS**

The purpose of Herdsmanship is to learn proper care of animals. Proper care does NOT only include caring for the animal, but keeping the housing area or living quarters neat, clean and safe.

Members will be judged on the following:

**BEEF, DAIRY, DAIRY GOAT, MEAT GOAT, HORSE & PONY, SHEEP, & SWINE**

1. Stalls or pens should be kept clean daily.
2. Aisles and surrounding areas are to be free of chairs and unnecessary equipment and other obstacles. Area to be cleared no later than 5:00 p.m. daily.
3. Animals should have feed and water as needed every day.
4. Animals should be washed and groomed when needed.
5. Pitch forks should be inserted in a bale of straw or stored in a safe area away from animals and the aisles.
6. When moving or handling animals, watch out for others.
7. Animals should be kept cool in hot weather.
8. Gates are to be wired securely in place.
9. **Each person** is responsible for cleaning their space at the end of the fair on Friday evening.
10. Show equipment should be properly stored until needed.

11. Care and management of feed storage and waste disposal is a must.

12. Attitude toward Fair visitors in the barn is to be courteous.

13. Positive attitude by exhibitors in working to get the job done.

14. It is recommended that all beef & dairy cattle should be tied securely with a halter and a neck rope.

### **POULTRY, OTHER FOWL, RABBITS**

1. Cages should be kept clean, and areas under cages cleaned daily by 5:00 p.m.

2. Animals are to be fed and watered daily or as needed.

3. Sawdust will be provided for spreading under cages.

4. Each person is responsible for cleaning their cages and areas beneath cages on Friday night release.

5. Animals are to be checked in and out by Species Superintendent.

6. Animals should be kept cool and watered as needed in hot weather.

7. Care and management of feed storage and waste disposal is a must.

### **HERDSMANSHIP JUDGING**

Areas will be judged daily at different times, by different persons. Livestock Superintendents will have input into final selection.

4-H member must have helped with clean-up on Friday night release to be considered for herdsmanship.

There is no limit to the number of times a 4-H member may win the Herdsmanship Award.



## **ANIMAL POSTERS**

If a member cannot bring their animal for exhibition, they can exhibit a poster on a topic related to their animal.

Enter posters in the breezeway entrance of the South Exhibit Hall.

Posters will be judged based on "Poster Pointers" in the back of the Handbook.

The following posters may go to the State Fair at the discretion of the judge: Poultry, Rabbit, Cat & Dog.



## **AEROSPACE**

Phillip Truesdell .....Superintendent

### **Exhibit Introduction**

Each county would be permitted to send one rocket, remote control aircraft, or drone and one poster/display board in each grade category (3-5, 6-8, and 9-12). Thus each county could send a maximum of six exhibits to the state fair, 3 rockets, remote control aircrafts, or drones and 3 poster/display boards. No "Ready to Fly" or E2X rockets are acceptable in the 4-H Aerospace project.

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 web site links, people and professionals interviewed, books, 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 exhibit for the manner in which references are listed.

Remote control aircraft or drones may be constructed from a kit or purchased ready-to-fly.

### **Level: (Grades 3-5)**

Complete the activities as indicated in the manual

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.

### **Level: (Grades 6-8)**

Complete the activities as indicated in the manual

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.

### **Level: (Grades 9-12)**

Complete the activities as indicated in the manual

#### **State Exhibit Requirements**

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.

#### **State Exhibit Requirements**

**State Fair Requirement:** 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.

State Fair entries will consist of 1 rocket and one poster/display board from each level. (Level 1 – Grades 3-5; Level 2 – Grades 4-6; and Level 3 – grades 9-12)



## **AQUATIC SCIENCE**

Chris & Tristan Imel..... Superintendents

Aquatic Science exhibits will be Open Judged. Fish will be taken home after champions are chosen. (Pictures will be taken). 4-H'ers will leave their notebooks to be displayed during the Fair.

**ALL DIVISIONS:** Complete the record sheets and turn them in at the Fair Office following project check-in.

**DIVISION 1** Exhibit a specimen or pair of fish in a bowl that you have cared for at least four (4) weeks. **No decorations are to be in the bowl.** Gravel in the bottom is ok. Put completed Record Sheets (pages 17 thru 23 in your Aquatic Science manual) in a 3 ring notebook to display during the 4-H Fair.

**DIVISION 2** Simple breeding program to start breeding records. Exhibit parents and selected young fish. Put completed Record Sheets (pages 17 thru 23 in your Aquatic Science manual) in a 3 ring notebook to display during the 4-H Fair.

**DIVISION 3** Advanced breeding program to breed for a specific trait (color or conformation). Exhibit a pair of fish. Put completed Record Sheets (pages 17 thru 23 in your Aquatic Science manual) in a 3 ring notebook to display during the 4-H Fair.

**ADVANCED** Prepare a balanced aquarium program to set up a near-to-balanced tank of fish and plants or live food raising program. Exhibit two fish of different species and a picture of your tank or exhibit fish fed on live food and a sample of the live food. Put completed Record Sheets (pages 17 thru 23 in your Aquatic Science manual) in a 3 ring notebook to display during the 4-H Fair.

NO STATE FAIR EXHIBIT



## **ARTS & CRAFTS**

Alexis Napier, Mary Ellen Wehner, Misty Jacobs & Amanda Whelan.....Superintendents

Crafts will be organized by the entry categories for the State Fair. **Attach to project - 4-H-618A-W "4-H Craft Information Card" for description of work completed on the project.**

If multiple pieces make up the exhibit, a photograph of the complete exhibit should be attached to the exhibit so the total exhibit can properly be displayed. For safety purposes any craft exhibit that resembles a sword, knife, or look-a-like weapon will be judged but will not be displayed.

### **Categories:**

A. **FINE ARTS** Oil, charcoal, pastels, pencil, ink, acrylic or watercolor - on canvas, canvas board, or paper - **Framed As A Picture** - prepared for hanging. Canvas art on a wooden frame is considered prepared for hanging provided that frame has a hanger

B. **NEEDLE CRAFT** (Hand work) Knitting, embroidery, crocheting, needlepoint, crewel, candlewicking, chicken scratching, hand quilting, tatting, huck embroidery, hemstitching; also pulled, drawn and counted thread work and punch needle work. [Does not include latch hook, plastic canvas,

machine knitting, machine quilting or arm knitting/crocheting. – Enter these items in All Other Crafts.]

C. **MODEL CRAFT** 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
- Screws are not permitted
- Pre-painted or pre-decaled factory models are not permitted
- If the model is being built from a kit, include a copy of the instructions with the craft information card.
- Legos are not considered models and are to be exhibited as Any Other Craft

E. **ANY OTHER CRAFT** May not include any crafts included in three classes listed above. Possible exhibits are macrame, latchhook rugs, leather, wood carving, **ceramics** & legos etc.

Each category will be judged by the following grade categories:

1. Grades 3 to 5
2. Grades 6 to 8
3. Grades 9 and up

**This is according to your grade as of 1/1/2020**

Any craft member may exhibit *one (1) project in each category.*

NOTE: Trophies will be awarded to a Grand Champion in Fine Arts, Needlecraft, Any Other Crafts, and Model Craft.

### **GENERAL INFORMATION**

1. Record sheets must be completed and turned into the Fair Office after check-in.

2. Ceramic molds are not to be exhibited.

3. Any picture or wall hanging must be ready for hanging.

4. Models must be securely mounted on a base.

5. Craft exhibits with more than one piece obviously together, matching or coordinated in design, etc. **must have each piece labeled with a name tag.**

6. **For each Arts & Crafts exhibit, attach a 4-H Craft Information Card (4-H-618A-W) on how it was made, self-designed, etc.**

### **TOTAL STATE FAIR ENTRIES:**

Fine Arts - 2 entries

Needle Craft - 2 entries

Model Craft - 2 entries

Any Other Craft - 6 entries



## **BEEF**

Larry & Tammy Sedam.....Superintendents

### **GENERAL RULES**

1. Each member will be allowed to bring a total of 4 beef animals to the fair for show. **A Cow/Calf is considered one exhibit/animal even though the member would have a total of five (5) animals in the barn. The calf can be shown in the Cow/calf class as well as another class if eligible. i.e. Starter calf/Spring Heifer.**
2. Release time for livestock is 10:00 p.m. on the day of the auction and **must** be cleared by superintendent.
3. Breed order is determined by the Livestock Superintendent and there must be 3 in a breed to have a breed class of market animals.
4. The 4-H member is responsible for cleaning stalls daily and after animals are released or sold.
5. The 4-H member is responsible for providing all bedding, feed, and grooming materials for their beef animals as well as feeding and watering them during the 4-H Fair.
6. Animals are to be tied or penned from 5:00-10:00 p.m. every evening at the fair unless the animal is being shown in the livestock arena.
7. If a member cannot bring their animal for exhibition, they can exhibit a poster (on a topic related to beef).

### **ALL LIVESTOCK MUST REMAIN ON THE FAIRGROUNDS FROM CHECK-IN THRU CHECK-OUT LATE FRIDAY EVENING OR LOSE THEIR RIBBON, PREMIUM, AND TROPHY.**

### **ALL DIVISIONS**

All recognized beef breeds, commercial female class and dairy steer classes will constitute the 4-H Beef Show.

1. All animals must meet the State Health Requirements. Any animal showing signs of illness or disease will not be allowed on the fairgrounds.
2. All 4-H Beef animals must come to tagging day, if not previously tagged another year. Animals must be owned and under the exhibitor's care no later than the county's official tagging date. Steers and heifers going to the state fair must have an 840 RFID tag. All other cattle to be shown at County Fair must have an 840 tag. Beef calves born after January 1 must contact the extension office for tagging information.

Beef steers **must** be entered online by April 1<sup>st</sup>. It is recommended that all animals be entered on tagging day so that members don't forget.

Heifers **must** come to tagging day and be enrolled online by May 15<sup>th</sup>. Again, it is recommended that all animals be entered online on tagging day so that members don't forget.

3. All 4-H steers will shown by breed and weight. Break weight will be determined by the Livestock superintendent.

4. 4-H'ers are responsible for proper enrollment, tagging, and class placement. Failure to do so will disqualify that animal.
5. At the discretion of the 4-H Beef Superintendent, classes may be further divided to facilitate judging.
6. All crossbreed steers will show in a class of crossbreeds only. Any steer exhibiting the general markings of a crossbred shall be such. Any questions shall be settled by the Fair Board.
7. AGE - No steer can be shown that does not have milk teeth in place. There is to be **no** evidence of permanent teeth. If a steer has lost his milk teeth, that steer will be disqualified from the show and auction. The 4-H Beef Superintendent will appoint a mouther whose decision shall be final. Milk teeth will usually be lost at 19 - 26 months depending on the breed.
8. Any animal disqualified by mouthing can be shown in the Showmanship Class and the member will be listed as completed.
9. All steers will be weighed Monday morning during Livestock pictures. **Steers must weigh at least 900 pounds to be sold in the auction.**
10. Horns are not allowed in beef classes.
11. Recommended weight for steers is 900 - 1250 pounds.
12. All male beef must be castrated prior to tagging.
13. If a steer becomes rowdy and creates a hazard to individuals and/or other livestock, it will be sent home (by the discretion of the Fair Board).
14. Members are to complete a record sheet and turn into the Fair Office after project check in.

### **HEIFER AND COW/CALF CLASSES**

1. All animals must meet the State Health Requirements.
2. All purebred heifers must have a readable ear tattoo identical to that on the registration certificate identified at the start of the project (same time as the steers) by ear tag.
3. The commercial heifer class will include all crossbred heifers and other heifers for which there is no class.
4. Any commercial or non-registered heifer a member plans to show **must be ear tagged with 840 State or 840 RFID tag.**
5. A Jefferson County Family Farm Born/Bred Heifer Class will be held. **Heifer must be owned by and born on the 4-H member's family farm. Members must complete and turn in Born and Bred form to Superintendents on day of tagging in order to be eligible for the Family Born/Bred Heifer Class.**

The following classes will be offered as part of the 4-H Beef Show:

*County Born/Bred Heifer*- for animals identified by May 1.

- ✓ *Starter calf (steer born after 1/1/2020)*
- ✓ *Junior Heifer Calf (1/1/20-3/31/20)*
- ✓ *Winter Heifer Calf (11/1/19-12/31/19)*
- ✓ *Senior Heifer Calf (9/1/19 -10/31/19)*

- ✓ *Late Summer Yearling Heifer (7/1/19 – 8/31/19)*
- ✓ *Early Summer Yearling Heifer (5/1/19-6/30/19)*
- ✓ *Spring Yearling Heifer (3/1/19-4/30/19)*
- ✓ *Junior Yearling Heifer (1/1/19- 2/28/19)*
- ✓ *Senior Yearling Heifer (9/1/18 & 12/31/18)*
- ✓ *Two-Year Old (9/1/16 & 8/31/17)*
- ✓ *Three-Year Old & Older (9/1/16)*
- ✓ *Champion Female - each class by breed*
- ✓ *Cow/Calf Class by breed*
- ✓ *Steer Class - each class by breed & weight*
- ✓ *Champion Steer - each class by breed*
- ✓ *Grand Champion Heifer (all breed champions)*
- ✓ *Grand Champion Steer (all breed champions)*
- ✓ *Grand Champion Cow/Calf (by breed champions)*

**If a member cannot bring their animal for exhibition, they can exhibit a poster on a topic related to their animal.**



## **BEEKEEPING**

Chris & Tristan Imel .....Superintendents

Create an exhibit that shows the public what you learned in the beekeeping project this year. Posters are to 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. Choose one 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 sub-title if you wish. A record sheet is to be completed and turned into the Fair Office after project check-in.

Notes:

- There are no age specifications for beekeeping exhibits.
- No bee hives may be brought to the 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.

**Division 1: (may do 1 or 2 years) 1 state fair exhibit per county**

**Exhibit:**

Present one of the following topics on a poster, as specified above.

1. Flowers Used to Make Honey - display pressed flowers from 10 different Indiana plants that bees use for making honey.
2. Uses of Honey and Beeswax
3. Setting up a Bee Hive

4. Safe Handling of Bees

**Division 2: (may do 1 or 2 years) No limit on the number of exhibits a county may enter in division 2, but only 1 exhibit per member is allowed at the State Fair.**

**Exhibit:**

One of the following:

1. Extracted honey - 2 one-pound jars, shown in glass or clear plastic, screw-top jars holding 1 pound of honey each.
2. Chunk honey (comb in jar) - 2 one-pound jars (wide-mouth glass or clear plastic).
3. Cut-comb honey - 2 one- pound boxes (These are usually 4 1/2" x 4 1/2" in size)
4. Working with Honey Bees - Present a topic from your manual to teach fair goers 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.
5. **Division 3 and Above: (may do multiple years) No limit on the number of exhibits a county may enter, but only 1 exhibit per member is allowed at State Fair.**
6. **Exhibit:**

Two of the four kinds of honey listed below (#1-4) or prepare an educational display about honey bees or beekeeping (#5).

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

**Independent Study: Grades 9-12, 1 State Fair entry**

**Exhibit:**

- Advanced topic - Learn all you can about a beekeeping 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 Beekeeping- 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 Beekeeping - Mentor."



## **BICYCLE**

Chris & Tristan Imel.....Superintendents

Exhibit a poster on one of the activities in your book. A completed record sheet must be turned into the Fair Office on judging day.

### **DIVISION 1** - (Grades 3-5)

1. Read the manual and the suggested activities. Learn about the bicycle:
  - history
  - bicycle fit
  - parts and maintenance
  - safety and skills
  - hiking and games
2. Report results in the spaces after each activity. Complete record sheet. Be sure to have your 4-H leader sign it to show that you have completed the bicycle project.

### **DIVISION 2** - (Grades 6-8)

1. Read the manual and the suggested activities. Learn about the bicycle:
  - parts and maintenance
  - safety
  - skills
  - hiking
  - games
2. Report results in the spaces after each activity. Complete the record sheet at the back of the manual. Be sure to have your 4-H leader sign it to show that you have completed the bicycle project.

**DIVISION 3 & ADVANCED** - (Grades 9-12) Create and report on a bicycle activity you completed.

NO STATE FAIR EXHIBIT

**BICYCLE RODEO** - held prior to fair in June. Participation is optional and winners do go to State Fair for competition in Junior and Senior categories.



## **CAKE DECORATING**

Judy Elston & Julie Wehner.....Superintendents

### **Exhibit Introduction**

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 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, 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 Level (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 12"x12". A minimum of five 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.

### **Intermediate Level (Grads 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"x13" rectangular, then the cake board must be 11"x15" to 13"x17" 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"x24". A minimum of five 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.

### **Advanced Level (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"x36". A minimum of five 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.

STATE FAIR:  
 1 –Beginner    1 –Intermediate    1 –Advanced



**CAT**

Sharon Schafer.....Superintendent  
 Sarah Schafer & Jennifer Ransom .... Assistants

**ALL DIVISIONS:**

Follow exhibit requirements below and complete 3 activities in manual and have it signed by your leader. You will need to turn in a completed record sheet in the Fair Office following project check-in. Member is to keep health certificate and turn it in when registering at the Cat Show.

1. A member may show only one (1) cat.
2. A members' cat must be in possession or born by April 1 of the current year.
3. The cat must be fed and cared for by member.
4. The cat must have all required shots listed on "**Certification of Vaccination" Form 4-H 777. (for 2020)**
5. **Cats are required to have a Feline Leukemia test each year.**
6. **Cats must have negative fecal exam for internal parasites within 6 months of exhibition.**
7. **Cats must be on a leash or in a cat carrier at all times.**
8. All 4-H cats must have their nails clipped or be de-clawed.
9. All cats will be released after judging is completed.
10. All cats will be shown by breed or crossbreed (broken into the classifications of long-hair and short-hair at the discretion of judge).
11. At registration, there will be one person to check the "Certification of Vaccination" and a different person to sign the cat up for its class.
12. If a member cannot bring their animal for exhibition, they may exhibit a poster (according to manual). See poster pointers in the back of the handbook. Enter posters at South Exhibit Hall with source of information.

13. Classes are on ages as of 7/1/2020  
 Kitten: 4-8 months old  
 Cat 1-2: 9 months to 2 years old  
 Cat 3 & up: over 2 years old
14. Pregnant or lactating cats will not be permitted to show.

**If a member cannot bring their animal for exhibition, they can exhibit a poster on a topic related to their animal.**



**CHILD DEVELOPMENT**

Carrie Bechman.....Superintendent

Here are details for each exhibit option:

**Poster:**

22" x 28" posterboard displayed horizontally Stiff backing with clear plastic covering  
 Identification label on back of poster giving name of 4-H member, club, grade, and year in project

**Binder notebook:**

Identification label on front of binder giving name of 4-H member, 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

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 web site links, people and professionals interviewed, books, 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 exhibit for the manner in which references are listed.

**Level: Level A (grades 3-4)**

**Suggested Learning Experiences**

4-H members should complete at least three activities, each from a different chapter. Within the two-year period for each level, they should have completed at least six activities, and at least one activity from each of the five chapters

**Exhibit**

Choose one of the following to exhibit.

- Choose one activity that you completed in this level. Design a 22 x 28-inch poster or a binder

notebook that shows or tells what you did with this activity.

- Create a display no larger than 36 x 36 x 36 inches using one 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. Use a 5 x 8 index card or larger cardstock to create your card.

**Level: Level B (grades 5-6)**

**Suggested Learning Experiences**

4-H members should complete at least three activities, each from a different chapter. Within the two-year period for each level, they should have completed at least six activities, and at least one activity from each of the five chapters.

**Exhibit**

Choose one of the following to exhibit.

- Choose one activity that you completed in this level. Design a 22 x 28-inch poster or a binder notebook that shows or tells what you did with this activity.
- Create a display no larger than 36 x 36 x 36 inches using one 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. Use a 5 x 8 index card or larger cardstock to create your card.

**Level: Level C (grades 7, 8, 9)**

4-H members should complete at least three activities each year, each from a different chapter. Within the three-year period for each level, they should have completed at least nine activities, and at least one activity from each of the five chapters.

**Exhibit**

- Design a 22 x 28 inch poster based on one of the activities you completed in your manual or one that promotes physical, emotional or cognitive skills.
- Display a binder notebook that includes the information from one of the activities you completed this year.
- Create a display no larger than 36 x 36 x 36 inches using one of the activities from your project manual or one 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. Use a 5 x 8 index card or larger cardstock to create your card.

**Level: Level D (Grades 10, 11, 12)**

4-H members should complete at least three activities each year, each from a different chapter. Within the three-year period for each level, they should have completed at least nine activities, and at least one activity from each of the five chapters.

Choose one of the following to exhibit.

- Design a 22 x 28 inch poster based on one activity you completed in your manual or one that promotes physical, emotional, or cognitive skills.
- Display a binder notebook that includes the information based one of the activities you completed this year.
- Create a display no larger than 36 x 36 x 36 inches using one of the activities from your project manual or one 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. Use a 5 x 8 index card or larger cardstock to create your card.



**COMPUTER**

Chris & Tristan Imel .....Superintendents

There are three exhibit grade level divisions; Grades 3-5, Beginner; Grades 6-8, Intermediate; and Grades 9-12, Advanced. Exhibits are to be skill appropriate for the member's grade level.

Youth enrolled in the computer project will select one of the below subject categories to study, regardless of grade. Youth may choose to create an exhibit demonstrating skills learned during the year. Check with your county Purdue Extension Office to determine if a computer will be available during judging and if there will be an opportunity to explain your exhibit to the judge. Exhibits qualifying for state fair 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. Poster exhibits are not acceptable. Youth may continue in the same subject category in subsequent years expand on the previous year's topic, or choose a new topic. Subject categories are:

- Block Based Programming
- Text Based Programming
- Web Design and Computer Entrepreneurship
- Computer Forensics
- 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 web site 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.

A county may submit a total of three state fair entries, one entry per grade level division.

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## CONSUMER CLOTHING

Taylor Hubbard & Bridget Leach ..... Superintendent

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 web site links, people and professionals interviewed, books, 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 exhibit for the manner in which references are listed.

\*\*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.

### **Level: Beginner**

- Complete one 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. Take your manual and notebook with you because they will help you talk with the judge.

### **Level: Intermediate**

- Complete one 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. Take your manual and notebook with you because they will help you talk with the judge.

### **Level: Advanced**

- Complete one 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. Take your manual and notebook with you because they will help you talk with the judge.

STATE FAIR EXHIBIT: 1 entry per division.



## DAIRY

Kristen May.....Superintendent

A record sheet is to be completed and turned into the Fair Office after project check-in.

**ALL LIVESTOCK MUST REMAIN ON THE FAIRGROUNDS FROM CHECK-IN THRU CHECK-OUT LATE FRIDAY EVENING OR LOSE THEIR RIBBON, PREMIUM AND TROPHY.**

### **GENERAL RULES**

1. All animals must meet the State Health Requirements,
2. All 4-H Dairy animals (except steers) **must be enrolled online** prior to spring county tagging date and be owned and under the care of the 4-H exhibitor no later than May 1. Dairy cattle not officially enrolled by May 15 are not eligible to show. All Dairy must have an 840 tag to show. (Dairy animals leased must be approved by the Fair Board prior to May 1.) ***The Birth Date must be listed on the form.***
3. 4-H Dairy will be shown by breed.
4. The following classes will be shown by breed:  
*Junior Calf (born 12-1-19 or later)*  
*Senior Calf (born 6-1-19 to 11-30-19)*



Senior Yearling (born 12-1-18 to 5-31-19)  
 Junior 2-yr old Cow (Born 3-1-18 to 11-30-18)  
 2 year old Cow (born 9-1-17 to 2-28-18)  
 3 year old Cow (born 9-1-16 to 8-31-17)  
 4 years & older Cow (born prior to 8-31-16)

5. Breed Champions will be chosen for each class and an overall Grand Champion will be selected from the breed champions.
6. Pens will be pre-assigned.
7. Release time is after 10:00 p.m. on Friday of fair.
8. Each member will be allowed to bring a total of 4 Dairy animals to the fair for show.
9. Only Grand Champion will be allowed to sell a gallon of milk at the auction. In the event the Grand Champion chooses not to sell, the Reserve Grand Champion will have the option of selling.
10. The 4-H'er is responsible for bringing their own livestock bedding and feed for animals and also responsible for feeding and watering animals.
11. The 4-H'er is responsible to clean stall area daily and after animal release.
12. Animals are to be tied or penned from 5:00 – 10:00 p.m. every evening at fair unless the animal is being shown in the livestock arena.
13. If a member cannot bring their animal for exhibition, they may exhibit a poster (on a topic related to Dairy). See poster pointers. Enter posters at South Exhibit Hall.

**If a member cannot bring their animal for exhibition, they can exhibit a poster on a topic related to their animal.**



## DOG

**Dog project is currently in revision with the Indiana State Fair, New rules will be shared as soon as the office receives them.**

Trina Copeland ..... Superintendent  
 Leaders: Alysha Reece, Becky Bladen, Sarah Fisher, Brienne Copeland, Kelly Seel, Cherie Miner, Catherine Fisher, Jenna Vest & Tia Oberhausen

## GENERAL RULES

4-H Dog Obedience Classes are only for 4-H members who intend to show their dog at the County Fair in the Dog Show.

1. Enrollment must be made in this project by **March 1**.
2. The 4-H member's dog must be 5 months of age or older by day of County Show.
3. Completion requirements for 4-H Dog Project are: Turn in your record sheet to Fair Office on project check in day. To participate in the 4-H Dog Show, a member needs to **participate in ten (10) Dog Obedience Meetings** offered by the County Dog Leaders to familiarize their dogs with the facilities and other dogs. If you do not wish to participate in the 4-H Dog Show or cannot attend the show, you can complete a

record sheet and/or a poster to exhibit on project check in day.

4. A dog being shown in Dog Obedience must belong to the exhibitor or to a member of their immediate family or household. If a suitable dog is not available they may request a leasing arrangement which must be approved by the 4-H Dog Leaders and 4-H Fair Board by May 15.
5. Members are responsible to feed, train, and care for their 4-H project dog.
6. All 4-H dogs must be accompanied by the **4-H 671 Certificate of Vaccination (revised 2018)**, signed by a licensed, accredited veterinarian indicating the dog has been vaccinated for rabies, distemper, hepatitis, parvovirus, parainfluenza, leptospirosis, and kennel cough (all within one year of first class in March, 2020).
7. A 4-H member can show only ONE dog and in only one Obedience Class in the competition in a given year. **If a 4-H member has completed 3 years of the Dog project and has the approval of the Dog Leaders, he/she may show up to two (2) dogs at the county fair in the Obedience and Agility Classes. Only one dog may be shown in Showmanship.**
8. 4-H dogs must wear a well fitted slip, buckle, or martingale collar made of leather, fabric or chain in any Obedience Class. The leash must be made of leather or fabric and must be six (6) feet in length. No chain leads shall be permitted. No other collars or tags will be permitted.
9. A 4-H dog may not be exhibited if they are showing symptoms of any communicable disease or parasites (including ticks and fleas). **The member assumes responsibility of their dog.**
10. A dog displaying acts of aggression will not be allowed to participate in the interest of safety to others associated with the show. 4-H Dog Leaders will issue a warning letter to the 4-H member and the member's parents of the dog showing aggression. This letter will state the problem and how to possibly solve the problem. The leaders, the 4-H member and their parents will sign the letter and it will be placed in a file in the Extension Office. With the third (3rd) letter, the dog will be dismissed from the program. The 4-H member then has the option of either replacing the dog with a substitute dog approved by the Dog Leaders (providing ample number of classes remains for training) or complete the dog record sheet and may make a dog poster to be exhibited on project check-in day. The only exception to this process shall be an unprovoked, uncontrollable, extreme act of aggression in which case the dog shall be dismissed immediately and permanently at the discretion of the Dog Leaders.
11. Female dogs who are "in season" will not be

allowed to compete in the dog show. These dogs should be left at home, so they do not distract other dogs and prevent the exhibitors from being able to demonstrate their true abilities.

12. A female dog in season is not to attend class. The member is encouraged to participate with a substitute dog provided by the dog leaders until the dog is out of season.
13. ***No dog that is bred or has had a litter of puppies within 8 weeks of the county show may be shown at the county show.***
14. **No parents or siblings are allowed in the training area during classes (and show) unless their help is requested by the Dog Leaders.**
15. **ALL DOGS NOT BEING SHOWN MUST BE ON A LEASH.**
16. 4-H dogs shown in Showmanship must also be shown in an Obedience Class by the same member.
17. All 4-H members will wear an exhibitor number on their left arm during competition.
18. Commercial advertisement and insignia on 4-H members while showing their dog is PROHIBITED, however, the 4-H insignia is permitted.
19. All 4-H handlers are required to clean up after their dog and should always be prepared with bags for their dog's waste.
20. **Wolf hybrid dogs are not allowed in 4-H Obedience/Showmanship Program. They do not respond to rabies vaccine.**
21. ***Special problems or infractions not covered by these rules will be acted upon by the County 4-H Dog Leaders and the 4-H Fair Board.***
22. **In the interest of safety, athletic shoes are required for training classes, sandals are not to be worn.**
23. Only dogs enrolled in the 4-H Dog Program are allowed at the fairgrounds on lesson nights. Only dogs showing at the County Fair are allowed at the Dog Show.

#### **DOG SHOW CLASSES - OBEDIENCE**

As with other 4-H projects and livestock projects, the Grand Champion and Reserve Grand Champion Obedience Handler and Dog will be awarded by the judge from the Champion and Reserve Champion Division Winners. It will not automatically be the highest score sheet. Additional weight will be given to those showing in Division 2A and above due to the additional difficulty of showing the dog off-lead.

#### **1ST YEAR**

**Section A.** For 4-H'ers with no previous formal dog training experience with a dog which has received no Obedience Training prior to January 1 of the current year.

**Section B.** For 4-H'ers with previous dog training experience (4-H or otherwise) coming back with a new dog, or for 4-H'ers with no experience whose dogs have had training which disqualifies them for 1A.

#### **2ND YEAR**

**Section A.** For 4-H'ers and dogs that have completed 1A and/or 1B.

**Section B.** For 4-H'ers and dogs which have completed 2A. May repeat until ready for 3A.

#### **3RD YEAR**

**Section A.** For 4-H'ers and dogs that have completed second year work (2A and/or 2B).

**Section B.** For 4-H'ers and dogs which have been in 3A but are not ready for Class 4 work (may repeat).

#### **4TH YEAR**

**Section A.** For 4-H'ers and dogs which have completed third year work.

**Section B.** For 4-H'ers and dogs which have been in 4A but are not ready for Class 5 work (may repeat).

#### **5TH YEAR**

**Section A.** For 4-H'ers and dogs which have completed fourth year work.

**Section B.** For 4-H'ers and dogs which have been in 5A but are not ready for Class 6 work (may repeat).

#### **6TH YEAR**

**Section A.** For 4-H'ers and dogs which have completed fifth year work.

**Section B.** For 4-H'ers and dogs which have been in 6A (may repeat).

#### **1ST YEAR LEADER DOG**

**Section A.** For 4-H'ers with no previous formal dog training experiences with a Leader Dog.

**Section B.** For 4-H'ers with previous dog training experience.

#### **VETERANS**

For 4-H members whose dogs are at least seven (7) years old or are physically challenged. The dog must have completed at least class 2B in previous years. A dog may not be shown in any other Obedience Class, once they have competed in the Veteran's class.

#### **SHOWMANSHIP CLASSES**

**Junior** - For any 4-H member Grades 3-5.

**Intermediate** - For any 4-H member Grades 6-8.

**Senior** - Any 4-H member in Grades 9 and above.

**Expert** – ***Any 4-H'er that has won Dog Senior Showmanship Class at the county fair in previous years must show in the Expert Class.***

## **AGILITY**

### **RULES:**

The 4-H Dog Agility Program is based on guidelines from the AKC Rules. Some modifications to the UKC rules have been made to provide a program suitable for 4-H handlers of all ages.

1. Only dogs who are in 1B and above and will be 17 months old by July 8, 2020 will be eligible to attend Agility lessons or compete in the Agility show.
2. Dogs showing in Agility are required to show in Obedience.
3. No dog will be allowed to compete in Agility until it has completed at least one year in the Obedience program. These rules were made to make it safer for all of the dogs to compete in agility. The members need to have some control over their dogs or the dogs will get hurt on the equipment.
4. The County Leader must verify that the dog is qualified and physically able to compete at the level entered. Dogs younger than 1 year of age may not be physically mature and run the risk of injury to developing bones. Participation is at the owner's discretion.
5. Agility section/classes will be entered as Beginning, Intermediate, and Advanced, and awards will be granted by that classification, regardless of dog size. Dogs will be placed in the appropriate size division based on height. Dogs shall be measured to verify accuracy of height.
6. Each class will offer four (4) divisions based on the dog's height at the withers. Dogs 7 years and over (Veterans) may jump one jump height lower than their actual height.
  - Division Toy- dogs up to and including 10" will jump 4" hurdles
  - Division 1- dogs over 10" and up to and including 14" will jump 8" hurdles.
  - Division 2- dogs over 14" through 20" will jump 14" hurdles.
  - Division 3- dogs over 20" will jump 20" hurdles.The Pause Table will be at the hurdle height for each division.
7. All agility work will be done on a flat, buckle collar.
  - Beginning level 1 must use a 6-foot lead.
  - All other levels will be off lead.
8. Scoring will be based on the UKC rules, starting with 200 points and subtracting Performance Faults based on a set Course Time. Time faults for course time exceeding the set time will be deducted.
9. Agility regulations not covered by these terms and conditions will be based on the regulations of the United Kennel Club

### **Beginning:**

**BA** – 4-H member has not previously participated in Beginning Agility (must use 6' leash).

**BB** – 4-H member or dog has participated in Agility before, either with the current dog/handler, or a different dog/handler. Exercises must be off leash. Dog should repeat Beginning B until they can perform intermediate level work.

### **Intermediate:** (must be off lead)

**IA** - 4-H member has not previously participated in Intermediate Agility.

**IB** – 4-H member has participated in Intermediate Agility before, either with the current dog, or a different dog. This intermediate B class should be repeated until the dog can perform advanced level work.

### **Advanced:** (must be off lead)

**AA** – 4-H member has not previously participated in Advanced Agility.

**AB** - 4-H member has participated in Advanced Agility before, either with the current dog, or a different dog. This class may be repeated.

### **Excellence:**

**A-** 4-H member has not previously participated in Excellence Agility (not repeatable).

**B-** 4-H member has participated in Excellence Agility before, either with the current dog or a different dog (may be repeated).

**If a member cannot bring their animal for exhibition, they can exhibit a poster on a topic related to their animal.**



## **ELECTRIC**

Tim McDonough & Sara Williams....Superintendents

A record sheet is to be completed and turned into the Fair Office after project check-in.

**SUGGESTIONS FOR ALL DIVISIONS:** Electric kits are available in the Extension Office. Include an explanation card on how your exhibit is to be used.

### **DIVISION 1**

Exhibit a Circuit Board using a kit. Label the circuit board Parallel or Series Circuit. The board must be a **no larger than 6" by 6"**. "What I Have Done and Learned" is required for county only and is to be turned into the Fair Office the day of project check in.

\*\*Circuit Board Kits are on sale at the Jefferson County Extension Office.

### **DIVISION 2**

Exhibit one of the following as outlined in your manual:

- A. Exhibit a magnetic powered flashlight

B. A poster (22" x 28") on a topic described in manual.

\*\*Flashlight Kits are on sale at the Jefferson County Extension Office.

### **DIVISION 3**

Exhibit one of the following outlined in your manual:

- a. Build an extension cord using all new parts
- b. Build an incandescent trouble light using all new parts
- c. Build a fluorescent trouble light using all new parts
- d. Repair an extension cord or trouble light by replacing the cord, plug, connector body or socket handle with a new part(s).
- e. Create a poster about:
  - 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

\*\* Extension Cord Kits are on sale at the Jefferson County Extension Office.

\*\* Trouble Light (Fluorescent) Kits are on sale at the Jefferson County Extension Office.

### **DIVISION 4**

Exhibit one of the following as outlined in your manual.

- A. Made or remade lamp
- B. Poster or display board on any topic covered in this manual
- C. Poster on any topic covered in the manual.

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.

### **ADVANCED DIVISIONS -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.)

#### **Project Completion Recommendations**

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

Each county may submit one advanced electric and one advance electronic exhibit to the state fair.

Exhibit **ONE** of the following:

- An article based on wiring around the home, farm, or facility, etc.
- An article made in the area of heating and cooling
- An article made in the area of lighting
- 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)

- An article made in the area of power
- A written report on: consumer buying, better electrical methods, or electrical careers.
- 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.
- Display board (no larger than 36"x36"x36") showing home wiring (3-way switch, 4-way switch, GFCI Grounding, Circuit Protection, etc.) or any topic covered in the Advanced Division manual.
- 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.

STATE FAIR ENTRIES: 1 per division



### **ENTOMOLOGY**

Chris & Tristan Imel..... Superintendents

Create an exhibit that shows the public what you learned in the Entomology project this year.

Important Notes:

- **References:** one of the following:
  - 4-H 764, How to Study, Collect, Preserve and Identify Insects.
  - How to Make an Awesome Insect Collection,

ID-401 (available online, [extension.entm.purdue.edu/401Book/default.php?page=home](http://extension.entm.purdue.edu/401Book/default.php?page=home), or through The Education Store).

boxes. This box can be created in any manner chosen (without the mounting, pinning or identifying restrictions specified above). Each box should have its own label.

**Title:**

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

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

- **Orders:**

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.

- **Display:**

Collect, mount (pins or vials), and identify insects personally collected in the U.S. only.

Display your best specimens in an 18 x 24 inch 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.

ID 401 A-F cards (for grades 3-8) and ID 401-I cards (for grades 9-12) are to be placed inside the box in an attractive manner.

- **Identification:**

Collection display boxes are expected to contain the specified number of insects, families, and orders specified (see chart below).

All insects must be in the adult stage and be properly mounted on insect pins or be contained in vials as directed.

**Pin Labels:** Each pin or vial must contain two 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.

- **Educational Box:**

One additional box (educational), based on the specific theme (see chart below), is required for grades 9-12, in addition to the insect collection

GRADE	DISPLAY	MAX #
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, exhibit a minimum of 8 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 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only.	3
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 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only.	3
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 401I. ((1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only.	3
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 401I. (1-3 collection boxes plus 1 educational box*). Place ID 401I in first collection box only.	3

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.

### 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 on back of project. Choose one 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 sub-title if you wish.

#### Level 1: Grades 3-5

Display a poster based on the following activities:

- **Big Mouth Bugs** -- Show the four (4) different mouth types that you studied. Create a chart listing the four mouth types, an insect with this mouth type, food they eat, and where these insects might be found.
- **Pit Stop** -- Make two 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.
- **Buz-z-zing Around** -- Present three to five ways that insects communicate. Include an insect, or picture of each insect that communicates in each of the ways you are describing.
- **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 minutes, three times a day, for three days. Include day and night observations. Record what you see and hear.

#### Level 2: Grades 6-8

Display a poster based on the following activities:

- **Collecting Insects** -- Use two 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 pictures of your spreading board and three butterflies or moths that you prepared using your board.

- **Insect Experiments** -- Complete one 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 (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 weeks as described in Activity 13. Exhibit your data sheet and the answers to "Talk It Over" questions.
- **Footprint Clues** -- Study the tracks of 3 different species of insect and one arthropod as described in Activity 14. Exhibit your data sheet and the answers to "Talk It Over" questions.

#### Level 3: Grades 9-12

Display a poster based on the following activities:

- **The Scientific Method** - Use the scientific method to complete one of the problems listed in Activity 3. Describe what you did to complete the five scientific method steps and include your data and drawings or pictures of your experiment.
- **Transecting for Insects** - Compare three 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 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 boxes (Native or non-native and damage or no damage) for five native and five 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 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.

## Independent Study: Grades 9-12

### Exhibit

- **Advanced Topic** - • 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".

State Fair Exhibits -- each county may send one Insect Collection and one Poster for each level (grades 3-5, grades 6-8, and grades 9 and up) for a maximum of 6 exhibits per county.

## FALL CROPS

### FALL VEGETABLE

Exhibit the following at the Fall Crop Show in November: (for example) Pumpkin - 1; Squash - 1; Potatoes - 5; Sweet Potatoes - 5; Turnips - 5; Fall Cabbage - 1 head.

EXHIBIT AT FAIR: ALL DIVISIONS Exhibit a live plant or samples of previous year's crop at County Fair. Any member not exhibiting at the County Fair (except 1st year member in project) may be lowered one ribbon grade at Fall Crop Show at discretion of judge.

### ALFALFA & MIXED HAY

EXHIBIT AT FALL CROP SHOW: Completed record sheet. Exhibit one (1) 12" thick wafer from square bale or about two (2) pounds of loose (alfalfa, clover, grass, or mixed) hay.

### CORN

EXHIBIT AT THE FALL CROP SHOW: Exhibit one gallon of shelled corn or 10 full ears of corn and your completed record sheet at the Fall Crop Show.

### SMALL GRAINS

Exhibit one (1) gallon of oats and/or wheat and your completed record sheet at the Fall Crop Show. Any member (except 1st year in project) not showing sample at County Fair may be lowered one ribbon grade at Fall Crop Show at discretion of judge.

### SOYBEAN

Exhibit one (1) gallon of shelled beans and a record sheet at the Fall Crop Show. Any member (except 1st year in project) not showing a live plant or sample of

previous year's crop may be lowered one ribbon grade at Fall Crop Show at discretion of judge.

Exhibit the following at the Fall Crop Show in November:

- 3 hands of flyings (trash)
- 3 hands of lugs/leaf
- 3 hands of tips
- 2 hands each of flyings, lugs & leaf, and tips for crop

Exhibit each on a short stick 16 - 18 inches in length. You may exhibit in all four classes which means you will need 5 hands of each grade. Complete 3 activities in your manual and a record sheet for grades 9-12 to be turned in at the Fall Crop Show.



## FASHION REVUE CLASSIFICATIONS

Taylor Hubbard & Bridget Leach.....Superintendent

**\*Div 1 Revue** - for members enrolled in Level A Grade 3 Sewing

**\*Div 2 Revue** - for members enrolled in Level A Grade 4 Sewing

**\*Intermediate Revue** - for members enrolled in Level B Grades 5&6 sewing.

**\*Junior Revue** - for members enrolled in Level C and Grade 7.

**\*Senior Revue** - for members who are in grades 8-12 of the current academic year and whose 19th birthday has not been passed on January 1, 2020. Sewing in the Senior Revue will be judged in the following six categories:

*Definition of an outfit: A garment or garments that when put together make a complete look - such as one or two piece dress, or one or two piece pant suit, or a three piece combination, such as pants, vest, and blouse or shirt.*

1. **Separates** - Consists of at least three (3) garments which must be worn as a coordinated complete outfit.

Each piece should be versatile enough to be worn with other garments.

2. **Informal or Casual Wear** - A complete outfit of one or two pieces suitable for school, weekend, or casual, informal activities.

3. **Dress up Wear** - 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, casual, or informal activities.

4. **Formal Wear** - This outfit may be one or more pieces suitable for any formal occasion, such as proms, weddings and formal evening functions.

5. **Suit or Coat** - The suit consists of two pieces including skirt or pants and its own lined jacket with sleeves. It is not a dress with jacket as in "dress-up wear". The coat is a separate lined coat for your wardrobe. It will be judged separately as a coat with its own accessories.

6. **Free Choice** – A complete outfit comprised of garments that do not fit in the other classifications. Examples include: tennis wear, swim wear, athletic or sportswear, lounge wear, riding habits, historic, dance, theatrical, or international costumes, capes, and unlined coats.



## FLORICULTURE

Jennie Keller .....Superintendents

A record sheet is to be completed and turned into the Fair Office after project check-in.

### **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, and one (1) demonstration per exhibitor. 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.

### **Note to youth exhibitors:**

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

4-H 966 Floriculture: Level A

4-H 967 Floriculture: Level B

4-H 968 Floriculture: Level C

4-H 969 Floriculture: Level D

CD-4-H 989 Floriculture: Supplement CD

### **NOTEBOOK AND POSTER GUIDELINES:**

#### **Notebook Guidelines**

- Needs to be a sturdy 3 ring binder (with stiff covers) or a 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**

- Dimensions = 22" x 28" displayed horizontally with stiff backing and must be covered with clear plastic
- Identification included on the back of poster (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 Exhibit Categories**

1. Create a 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 inches tall by 3 inches wide, neck opening of vase not to exceed 1.5 inches and be clear or white only. Include **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 fresh flowers you purchased.
  - Vase must be no more than 9 inches tall by 3 inches wide, neck opening of vase not to exceed 1.5 inches and be clear or white only. Include **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, it 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 or transplanting - what, how, things to watch out for; or role of insects with flowers (good, bad or both).
5. Explore and explain seed germination or 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

**Demonstration**

Participate in an action demo at State Fair or demonstration contest related to topics for this grade level, or any of those listed above.

**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 3 or more kinds of plants and have been planted at least two 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"** chronicling the care of your plant.
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"
3. Display one house plant (foliage and/or flowering) in a container not to exceed 10 inches in diameter. There must be only one 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.

**Demonstration:**

Participate in an action demo at State Fair or demonstration contest related to topics for this grade level, or any of those listed above

**Level C: Grades 7, 8 and 9**

**Flower and Plant Exhibit Categories**

1. Display a terrarium
  - o 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 information for design.
2. Combination or European planter
  - o Exhibit a container of plants (3 or more kinds of plants) that you have planted and cared for a minimum of 2 months. See activity for information on plants and design. The container should not exceed exhibit space of 18" x 18" (**height will be variable**).
3. Create one (1) corsage or two (2) boutonnieres made from only fresh flowers. Corsages should contain 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 or 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, flowers/plant material). 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 consider, selecting plant materials, uses of
4. Describe how you created your corsage or boutonnières; 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.

**Demonstration**

Participate in an action demo at State Fair or demonstration contest related to topics for this grade level, or any of those listed above.

**Level D: Grades 10, 11 & 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"x24"x36". 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 and/or artificial flower/plant material. Flowers and plant materials specific to a season or holiday should be used. Maximum size 24"x24"x36". This category could include a traditional floral arrangement, but also items such as wreaths. Bows and decorative accessories are okay.
3. Create a modern or contemporary style arrangement using fresh flower and plant materials. See manual for suggestions. **Maximum size 24" x 24" x 36"**. Include a label that states what type of design you have created (botanical, pavè, 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 only fresh plant materials. 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" x 24" x 36" 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 should not exceed 10" 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 types flowers, different time 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.

Describe a community service activity you did related to your flowers project: how, why, results.

**STATE FAIR ENTRY:**

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.



**FOODS**

Judy Smith, Linda Shimfessel, Dorothy Canada, Penny Brim, Debbie Royalty and Melinda Shimfessel  
 .....Superintendents

**A member may exhibit a baked exhibit and/or a preserved exhibit and/or do an action demonstration. Divisions are based on the grade of school you are in by 1-1-20.**

**Exhibit Introduction**

Purdue Extension Food Safety Policy (effective 11/2013):

For food competitions - 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 ingredient is part of a batter and baked. Additionally, 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. No home-canned fruits, vegetables, or meats are 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 be preparing food exhibits for competition within 48 hours of recovering from any illness. Whenever possible, baked products should be transported and stored in chilled coolers (41°F).

Judges and individuals who will consume products from county and state competitions should be informed that they are at risk for foodborne illness since the

established policy cannot guarantee that an entry which may be a "potentially hazardous food" has been properly prepared or handled before, during or following the competition. Tasting of a food product is solely at the discretion of the judge. Judges are NOT to taste any low-acid or acidified preserved food, like green beans or tomato products, and are discouraged from tasting any other home preserved food.

Consumers of competitive food exhibits being sold at auction or used for hospitality purposes should be notified they could be at risk for foodborne illness since the established policy cannot guarantee that an entry which may be a "potentially hazardous food" has been properly prepared or handled before, during, or following the competition.

**Instructions for preparing food exhibits for display at State Fair** (these instructions may be adapted for use in your county): **Labeling:**

1. Cover label with clear plastic wrap so that it will not become grease stained.
2. Tape label to the paper plate or container before the product is wrapped.

**Recipe or index cards:**

1. A recipe card or index card (no larger than 5 1/2" x 8 1/2") is required for all food exhibits. Be sure to include the recipe source and all the information requested in the exhibit description, as well as your name, county, and the grade level/ exhibit options. 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.

**Food preservation jars/containers:**

1. All canned products must have the ring on the jar top to protect the seal.
2. Containers will NOT be returned from the Indiana State Fair.

**How to prepare products for display.**

1. Most food products should be displayed on a paper or foam plate.
2. For cakes - cut a piece of cardboard about 1/2 inch larger than the bottom of the cake. Cover this cardboard with wax paper, plastic wrap, or foil before putting the cake on it.
3. Any product that may be sticky on the bottom, such as some fancy breads, should be put on round, square, or rectangle cardboard. Cover this cardboard with wax paper, plastic wrap, or foil before putting the food product on it.
4. Frozen food exhibits (containers and food) will not be returned to the exhibitor. Please display in freezer bags or disposable freezer containers.

5. Pies should be exhibited in disposable pie tin. Reusable containers or pans will NOT be returned from the Indiana State Fair.

**Exhibit Requirements** (Participants may exhibit one baked and/or one preserved item per grade)

**Level A, Grade 3**

- Three snack-sized (approximately 2"-3" individual size) drop, molded or bar baked cookies. No glaze or frosting. Include recipe card and display on a dessert size paper or foam plate.
- A package of 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.

**Level A, Grade 4**

- Three standard size muffins that contain an ingredient that is a source of Vitamin A or Vitamin C (no muffin liners). Include recipe card.
- One 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 cooking or defrosting. Label with name of product, quantity, and date frozen.

**Level B, Grade 5**

- A square, oblong or round layer reduced-fat cake without frosting. Reduce the amount of fat in the recipe by using a fruit puree or baby food fruit product that does not contain yogurt. Include recipe card.
- One 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 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 cooking. Label with name of product, quantity, and date frozen.

**Level B, Grade 6**

- Three no-yeast, any shape pretzels with a whole grain flour mixture (shaped, stick, or nugget) OR 3 no-yeast sweet or savory rolled biscuits with a whole grain flour (no drop biscuits.) Include recipe card.
- One 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.

**Level C, Grade 7, 8, 9**

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

**BAKED PRODUCT OPTIONS:**

- Three (3) yeast bread sticks or yeast rolls (any shape, medium size - not a sweet roll), using a whole grain flour

mixture such as whole wheat, rye, oat bran, etc. Include recipe card. 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.

- A yeast bread (can be loaf, braid, but not rolls) using a whole grain flour mixture such as whole wheat, rye, oat bran, etc. Include recipe card. 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.
- One package of a non-perishable, invented healthy snack (such as a granola bar, popcorn snack, trail mix, etc). Your snack must include at least 2 food groups from MyPlate. Exhibit must include your snack product and a separate folder containing 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. Label should include product name, date, quantity, and serving size.

**PRESERVED PRODUCT OPTIONS**

- 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 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 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.

**Level D, Grade 10, 11, 12**

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

**BAKED PRODUCT OPTIONS:**

- A single or double crust baked fruit pie (no graham cracker crust). Include recipe card. (Note: Custards, cream, cream cheese frosting and fillings, and raw egg white frosting are not acceptable in an exhibit 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. Include index card with recipe.

- 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. Include index card with recipe.

#### PRESERVED PRODUCT OPTIONS:

- One 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 package of a combination food frozen entree in freezer container. The combination food should contain 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.



## FORESTRY

Terry & Binnie Phillips, Steve Canada - Superintendents

A record sheet is to be completed and turned into the Fair Office after project check-in.

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 on the back of poster. Choose one 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. **If you choose to write 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.

### Level 1: Grades 3-5

Display a poster based on one of the following activities

- **Leafing Out-** comparisons (pp 6 & 7). Collect, dry and mount 6 different species of leaves

showing leaf differences: one leaf with opposite arrangement and one with an alternate arrangement, two 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 10 different trees that are listed in 50 Trees of Indiana book (4-H 15-80 or CD-FNR-3). List at least two 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 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 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.

### Level 2: Grades 6-8

Display a poster based on one 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 7 parts. Give the chemical reaction for photosynthesis, defining the chemicals: CO<sub>2</sub>, H<sub>2</sub>O, O<sub>2</sub>, and C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>. 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 backlisted on the right), 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/igic](http://www.in.gov/igic)). Show where your home, your school, and your fairgrounds are located. Choose one 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 (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 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 to calculate the volume of 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 methods of determining tree volume (the one in your 4-H manual or using a tree measuring stick).
- **Tree Planting** Plant 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 planting 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
- **Trim the Trees** (pp 26 & 27), explain the 5 different kinds of tree pruning for urban trees. List some dos and don'ts of proper pruning.
- **My Boss is a Tree** (pp 34 & 35), list 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 25 terminal twigs and at least two leaves, if space allows (only one compound leaf is required), from native forest trees. Mount the specimens on 11 ½" x 16 ½" paper. One 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.
- **Herbarium Collection - Shrubs** Collect 25 terminal twigs, with leaves attached, from native shrubs. Mount the specimens on 11 ½" x 16 ½" paper. One 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.

### Level 3: Grades 9-12

Display a poster based on one of the following activities:

- **A World of Forests** (pp 16 & 17), indicate the 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.

### Independent Study: Grades 9-12

Advanced topic - Learn all you can about an 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 & how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster, "Advanced Forestry - Mentor."

STATE FAIR ENTRIES: 1 entry each Forestry 1, 2, 3



## **GARDEN**

Tammy & Larry Sedam, Linda & Dennis Gray & Brent Gray....Superintendents

The gardening project introduces vegetable and herb gardening. The Gardening project is divided into four different levels:

Level A: See Them Sprout (3<sup>rd</sup> and 4<sup>th</sup> grades)

Level B: Let's Get Growing (5<sup>th</sup> and 6<sup>th</sup> grades)

Level C: Take Your Pick (7<sup>th</sup>-9<sup>th</sup> grades)

Level D: Growing Profits (10<sup>th</sup>-12<sup>th</sup> grades)

What Can I learn?

You will learn about planning a vegetable garden, planting, fertilizing, different vegetable pests, harvesting, storage techniques and careers.

### **Exhibit Introduction**

See 4-H garden manuals and 4-H 970-W for exhibit preparation suggestions.

Garden Manuals:

4-H-1037 — Garden Level A: See Them Sprout

4-H-1038 — Garden Level B: Let's Get Growing

4-H-1039 — Garden Level C: Take Your Pick

4-H-1040 — Garden Level D: Growing Profits

4-H-1041-W — Garden Helper's Guide

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 web site links, people and professionals interviewed, books, 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 exhibit for the manner in which references are listed.

Poster Guidelines

- Posters should be 22" x 28" displayed horizontally with stiff, light weight backing and must be covered with clear plastic
- Identification should be on the front 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.

### **Requirements**

#### **All levels**

#### **Project Completion Recommendations**

1. Read and study 4-H Garden manual(s).
2. Plan your garden.
3. Select plants and seeds.
4. Plant your garden.
5. Care for your garden.
6. Harvest your produce.
7. Exhibit your produce.
8. Try something new, as listed in the manual.
9. Keep a complete record of your garden activities.
10. Complete activities as required in manual.

#### **Exhibit**

**4-H 970-W has been updated as of October 2015 with more specimens and new required numbers of specimens. Please carefully read these changes if you plan to exhibit at the State Fair. Follow your county Fair Book for county exhibit guidelines.**

#### ***I. Single Vegetable***

May be selected from 4-H Garden Publication 4-H 970-W (**updated yearly**) or list in the State Fair Premium book. Maximum of 5 different single plate exhibits per exhibitor. Single vegetable entries should be labeled with common name, Latin name, and variety of vegetable. The Latin names can be found in 4-H Garden Publication 4-H 970-W.

Example:

Green bean (*Phaseolus vulgaris*)

'Blue Lake 47 Bush'

#### ***II. Garden Collection***

- three (3) plates
- four (4) plates
- five (5) plates

In all three classes, vegetables are to be exhibited on paper plates and may include a display of not less than three garden flowers, grown in your own garden. Exhibitors may each exhibit one collection (3 or 4 or 5

plate garden collection) at State Fair. Garden collection entries should be labeled with common name, Latin name, and variety. Latin names can be found in 4-H Garden Publication 4-H 970-W.

### III. Single Herb Exhibit

- Can enter three single herbs (all edible types) that must be labeled with common and Latin names and in pots 8" diameter maximum. (maximum of three different pots)
- Resource HO-28; 4-H 970-W
- For list of herbs acceptable for State Fair, see State Fair handbook or 4-H 970W.

### IV. Garden Education

One garden education exhibit per county.

Anyone can complete Section IV (Garden Education), but members enrolled in Levels C and D of the garden project SHOULD exhibit one of the following activities in addition to the Produce Exhibit (Section I, II and III)

#### Produce Options

1. Exhibit four (4) plates containing two cultivars of two different kinds of vegetables in your garden. *For example:* display tomato *Rutgers* and tomato *Roma* on two plates and spinach *Melody* and *America* on two plates. Label the cultivars you exhibit.
2. Label and exhibit three 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. *For example:* spaghetti squash, head lettuce, etc.

#### Poster Options

3. Make a poster of five commonly found diseases in vegetable gardens, the damage caused by each, and the control options for each.
4. Make a poster of five commonly found vegetable garden insects: beneficial (good guys) and/or injurious (bad guys), benefits or damage caused by each, and the related management practices (how to keep the beneficial, and how to control the injurious insects).
5. Make a poster of a maximum of 10 pests (diseases, insects, weeds, and/or rodents) you found in your garden this year, damage caused, control measures used, and results.
6. Make a poster explaining a computer garden program or mobile application.
7. Make a poster showing a picture story of what you did in your garden this year. Example: how you planned, planted, and maintained your garden.
8. Make a poster showing your financial record.
9. Make a poster of pictures showing your experiences in hydroponics.
10. Make a poster explaining various career options working with vegetables/herbs.

11. Make a poster explaining types of pollinators and their importance in vegetable and fruit production.
12. 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.
13. Make a poster that shows different storage methods for vegetables.
14. Make a poster showing how to create a raised bed OR container vegetable garden.
15. Make a poster discussing how herbs listed on the last page of 4-H Garden Publication 4-H 970-W 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.

### Resources

4-H Garden Publication 4-H 970-W



### GENEALOGY

Chris & Tristan Imel .....Superintendents

Turn in a completed record sheet to the Fair Office on project check-in day.

Forms for this project are found on the Indiana 4-H Web site [extension.purdue.edu/4h](http://extension.purdue.edu/4h) click on "projects" and then on Genealogy to reach downloadable forms. This project is organized into divisions and not grades. 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 handwrite 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 option);
- 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 web site links, people and professionals interviewed, books, magazines, etc. Reference notations are to be made in the "source" column of the Family Group Sheet and 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 Divisions 1-5) needs to be exhibited each year the genealogy project continues.

Suggested Genealogy Supply List:

Four 3" D-ring notebooks (Book #1, #3, #4 will be exhibited and the fourth 3" D-ring notebook to maintain documents at home and NOT exhibited.)

One 2" D-ring notebook (Book #2)

Computer or legible printing/handwriting (be consistent with method used)

#2 lead 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 satin Scotch tape

Scissors

Correction tape

Lots of creativity to make the exhibit your own while still following the exhibit guidelines.

## Division 1

1. Exhibit 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 the [www.extension.purdue.edu/4h](http://www.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 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 worksheets)
  - A diary of your work
- Book #3 (Ancestors 1-7 information)
  - Any documents or pictures pertaining to these three 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 notebook that includes the following:
  - Book #1
    - Four-generation pedigree chart. This would include you, your parents, grandparents, and great-grandparents, ancestors #1 through #15. **You must use the pedigree charts listed at** [www.extension.purdue.edu/4h](http://www.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.
  - Turn in a completed record sheet.
  - Exhibit Book #1, Book #2, and Book #3, which should only include Division 2 ancestors 8-15 and related information.

## Division 3

1. Exhibit 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** [www.extension.purdue.edu/4h](http://www.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 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.
- Turn in a completed record sheet.
- Exhibit Book #1, Book #2, and Book #3, which should only include Division 3 ancestors 16-31 and related information.

## Division 4

- Exhibit a notebook(s) that includes the following:
  - Book #1
    - Six-generation pedigree charts, 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** [www.extension.purdue.edu/4h](http://www.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.
  - Turn in a completed record sheet
  - Exhibit Book #1, Book #2, and Book #3, which should only include Division 4 ancestors 32-63 and related information.

## Advanced Division

- Exhibit 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 and eight.
- 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
- Diary of your work
- Book #3 (Ancestors 64-255 information)
  - Any documents or pictures pertaining to these generations; correctly labeled.
- Book #4
  - One 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.
- Turn in a completed record sheet.

Pedigree charts are available on the Indiana 4-H Web site 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 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 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.

STATE FAIR ENTRIES: 1 per division



## GEOLOGY

Binnie & Terry Phillips, Steve Canada - Superintendents

Turn in a completed record sheet to the Fair Office on project check-in day.

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 (18 x 24 inches), orientated horizontally. Include actual specimens in your exhibit, whenever possible. You can make your own labels for your specimens. See the suggested label format found in the Indiana 4-H Geology manuals... Boxes make your specimens more secure. Do not put valuable specimens on posters where they can be removed quickly. Be sure to include a label with your name, grade, and county. Choose one of the topics listed below, appropriate for your grade in school, and use that name for your title. **Titles must be in the front of the poster or box.** A record sheet is to be completed and turned into the Fair Office after project check-in.

### Notes:

- You may purchase your specimens and may display rocks, fossils, and minerals. If you purchase a specimen, indicate when and where you purchased it and the location where you would expect to find the specimen. If you collect a specimen, indicate the county and township where you found it.
- Posters and display boxes will be exhibited "standing up" at the Indiana State Fair. Therefore, you need to mount 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 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.
- 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.).
- Do not identify your specimens any further than phylum and class. 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.

### Level 1: Grades 3-5

Display a poster (or use an exhibit box) based on one 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 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 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 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

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

- **Rocks with Different Textures.** Identify and display six rocks with three very different textures (two rocks of each general type). Include three 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 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 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 main glaciers.
- **Indiana Geology.** Exhibit a map or sketch of Indiana showing at least ten 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 of the following: 8-16 minerals, fossils, or 4-8 of each (half minerals and half fossils). You may exhibit a new collection in subsequent years but not one you have already exhibited.

### Level 3: Grades 9-12

Display a poster (or use an exhibit box) based on one 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 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 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.

### Independent Study: Grades 9-12

- **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. Title your poster, "Advanced Geology - Mentor."

STATE FAIR ENTRIES: 1 entry per division



## GIFT WRAPPING

Jill Deputy... Superintendent

Turn in a completed record sheet to Fair Office after project check-in.

### EXHIBIT REQUIREMENTS

#### **Div. 1 GRADES 3, 4, & 5**

One wrapped gift box, no larger than a shirt box (approximately 9"X 15"X 3") with a self-made bow. Attach an information card from the manual to the package. Package wrapped for exhibit should **not** contain an article. A gift tag with your name, division, and club is also to be attached to each package.

#### **Div. 2 GRADES 6, 7, 8**

One wrapped gift box of any shape, no larger than a shirt box (approximately 9"X15"X3") and decorated with a self-made bow, and self-made decorations. Attach an information card from the manual to the package. Package wrapped for exhibit should **not** contain an article. A gift tag with your name, division, and club is also to be attached to each package.

#### **Div. 3 GRADES 9, 10, 11, 12**

Two wrapped gift packages. One should be a square or rectangle box and the other should be a cylinder shape, round, or other than a square or rectangle. Decorate both using **ONLY** handmade bows, fancy ribbons, and self-made decorations. Wrap at least one with homemade paper. **Homemade paper means starting with plain paper (any color) and making a design on it with ink stamps, markers, pencils, etc.** These packages are to be no larger than 9"X15". Attach an information card from the manual to the packages. Both packages will be judged as one exhibit. Packages wrapped for exhibit should **not** contain an article. A gift tag with your name, division, and club is also to be attached to each package.

**Judging on all divisions will be based on neatness of wrapping and overall package, color and material coordination, bow construction, creativity, etc.**

NO STATE FAIR ENTRY



## GOAT

Jessica Morrison & Jacob Bell.....Superintendents

### GENERAL RULES

1. All animals must meet the State Health Requirements.
2. Each member will be allowed to bring a total of four (4) Meat Goats and (4) Dairy Goats to the fair for show.
3. Each member is responsible for the feeding and caring of goats daily. This includes bringing livestock feed and bedding as well as feeding and watering animals as needed.

4. All horns must be blunted if not removed or use blunting balls.
5. All meat goats and wethers must be **tagged at county tagging** with county tag. Dairy & Pygmy must be registered with ID. If not, they must be tagged at county tagging in the spring. All Goat paperwork is due at spring tagging. Tagging Comparison Chart- See back cover.
6. Members are responsible to clean stalls daily and after animal release.
7. Animals are to be tied or penned every evening at fair from 5:00- 10:00 p.m. unless animals are being shown in the livestock arena.
8. No milking stands or grooming stands are to be in the aisles of the barn.
9. Members are to complete a record sheet and turn in on day of project check in at the Fair Office.
10. If a member cannot bring their animal for exhibition, they can exhibit a poster instead (on a topic related to Goat). See poster pointers in the back of handbook.
11. Meat goat wethers must have their front feet on the ground when being braced.

**ALL LIVESTOCK MUST REMAIN ON THE FAIRGROUNDS FROM CHECK-IN THRU CHECK-OUT LATE FRIDAY EVENING OR LOSE THEIR RIBBON, PREMIUM AND TROPHY.**

**EXHIBIT CLASSES** (Changes may be made to these classes – read newsletter for any possible changes)

***Dairy Goats are shown by breed***

Mother/Daughter

\*\* Only 1 mother/daughter pair per exhibitor

Doe 5 years and older

Doe 3 years to under 5 years

Doe 1 year and under 3 years

Doe 4 months and under 1 year

Doe - under 4 months, born after April 1

All goats who are in milk shall be required to be milked dry, not any **earlier** than 6:00 a.m. preceding judging time.

**Note: Female Pygmy and Meat-type goats can be shown at the County Fair. They are to follow the same rules on tagging and registration as Dairy Goats.**

There will be a Grand Champion Dairy Goat, Grand Champion Pygmy Goat, Grand Champion Female Meat Goat and Grand Champion Wether Goat. In the event the exhibitor of the Grand Champion Dairy Goat or Wether Goat chooses or is not eligible to sell at the auction, the Reserve Champion has the opportunity to sell.

**Wether Goats**

1. Wether goats will be shown by weight. There will not be a top limit. Wether goats need to be at least 50 lbs. to sale in the auction.

2. All Market Wethers must have their milk teeth to show, except Pygmies who have a Jr. and Senior class for Wethers.
3. Wethers must be weighed & tagged at spring tagging in order to be in Rate of Gain.
4. Showmanship exhibitors are not to lift the front feet off the ground.

**\*\*NOTE:** The Grand Champion Dairy Goat will be permitted to sell one pound of cheese. The Grand Champion Wether Goat will be permitted to sell at the livestock auction.

**If a member cannot bring their animal for exhibition, they can exhibit a poster on a topic related to their animal. See Animal Poster Project for details.**



**HEALTH**

Carrie Bechman.....Superintendent  
EXHIBIT REQUIREMENTS

Turn completed record sheet (identifying 3 activities completed in the manual) into the Fair Office after project check-in. The manual is to be checked and signed by a 4-H Leader.

**Level A: First Aid in Action**

**Grade 3**

Exhibit Requirement Options:

- A poster on one 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 Requirement Options:

- A poster on one 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 1 Make Your Own item discussed in your 4-H manual)

**Grade 5**

Exhibit Requirement Options:

- A poster on one 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: Staying Healthy

### Grade 6

#### Exhibit Requirement Options:

- A poster on one 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 activities you completed in the 4-H manual

### Grade 7

#### Exhibit Requirement Options:

- A poster on one 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 activities you completed in the 4-H manual

### Grade 8

#### Exhibit Requirement Options:

- A poster on one 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 activities you completed in the 4-H manual

## Level C: Keeping Fit

### Grades 9<sup>th</sup>-12<sup>th</sup>

#### Exhibit Requirement Options:

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

STATE FAIR EXHIBITS: 1 entry per level



## HOME ENVIRONMENT

Carrie Bechman .....Superintendent

A record sheet is to be completed and turned into the Fair Office after project check-in.

For the 4-H Home Environment project, 4-H members at each grade level may choose from three 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.

## 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 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.

## **Level 1: Grades 3-5**

**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
- 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: [www.extension.purdue.edu/4h](http://www.extension.purdue.edu/4h) look under "projects" and then Home Environment. Create three 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 color option. Line drawings can be printed from the Indiana 4-H website: [www.extension.purdue.edu/4h](http://www.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 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), 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 different furniture designs. Label each style (e.g., traditional, modern, country, formal, or retro). Include information explaining each style

#### **Level 2: Grades 6-8**

##### **Manual: Home Environment: Design Decisions**

(University of Nebraska). This one manual is to be used for grades 6 - 12 as a resource and a reference. Indiana 4-H exhibit options are not listed in the University of Nebraska manual. You are referred to the Indiana 4-H Youth Development website: [www.four-h.purdue.edu](http://www.four-h.purdue.edu) or your local county 4-H handbook for exhibit option details.

##### **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 piece of furniture the 4-H member has refinished.
- One piece of furniture the 4-H member has changed using decoupage, paint, fabric, etc.

- One cushion or one 2-piece set of cushions, preferably made by the 4-H member, displayed with intended furniture
- One 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 piece of furniture that the 4-H member has reupholstered.
- One 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 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.)
- 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.
- Samples of three 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 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 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

#### **Manual: Home Environment: Design Decisions**

(University of Nebraska). This one manual is to be used for grades 6–12 as a resource and a reference. Indiana 4-H exhibit options are not listed in the University of Nebraska manual. You are referred to the Indiana 4-H Youth Development website: [www.four-h.purdue.edu](http://www.four-h.purdue.edu) or your local county 4-H handbook for exhibit option details.

#### **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 piece of furniture the 4-H member has refinished.
- One piece of furniture the 4-H member has changed using decoupage, paint, fabric, etc.
- One cushion or one 2-piece set of cushions, preferably made by the 4-H member, displayed with intended furniture
- One 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 piece of furniture that the 4-H member has reupholstered.
- One item that you are using for a different purpose than it was originally designed for (e.g., bed sheet used to make a window treatment, drawer used as a wall shelf).
- A collection of 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-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 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 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 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 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.

STATE FAIR ENTRIES: 1 per division



## **HORSE & PONY**

Alyssa Shelton, Rodney Mahoney & Tori Laub.....  
Superintendents

Program Policies:

1. 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 behavior, show respect for others' rights and refrain from any conduct which may be injurious to the 4-H program.
2. Safety rules governing headgear and boots, and rules addressing animal well-being are mandatory at all 4-H horse and pony events. Judges have the responsibility to refuse to conduct classes in which these safety rules are not enforced.
3. Inhumane treatment of animals, including a Body Condition Score of less than 3.0, impolite behavior, poor sportsmanship, or disruptive actions will result in disqualification and/or removal from the grounds.
4. All 4-H horse & Pony animals participating in 4-H activities must exhibit a minimum Body Condition Score of 3 while the preferred body condition score is between 4 and 7.

Show Eligibility:

1. An exhibitor must be enrolled in the Jefferson County 4-H Horse & Pony program.
2. Complete the official online animal identification process through [in.4honline.com](http://in.4honline.com) for each horse by May 15<sup>th</sup>. Pictures of each horse must also be submitted online no later than May 15<sup>th</sup>.

3. Each horse/pony member **MUST** attend at least one clinic in order to be eligible to show. (If you sign up more than 1 horse/pony you need to make sure you attend a clinic with **each** animal. Open arenas do not count. This is put in place for the safety of your child as well as other children.
4. Proof of vaccination must be received by horse superintendent by May 15<sup>th</sup>. Proof of vaccination is done by completing the **2020** Certificate of Completion of Indiana 4-H Requirements for Exhibition of 4-H Horse and Pony form available at the extension office or by going on to the [extension.purdue.edu/4h](http://extension.purdue.edu/4h) and clicking on Projects then Animal Projects and then Horse. The Vaccination form is listed under resources.
5. Each member must show in a halter class to complete the project.
6. Record sheets for **each** horse must be turned in by the show day. Record sheets should be turned in to horse and pony leaders before entering classes.
7. Members who are not showing a horse at the fair may choose to complete a poster in order to complete the 4-H Horse and Pony project and turn in a horse record sheet.

Animal Classifications:

1. The age of an animal will be computed on the basis of a calendar year starting on January 1 of the year foaled. For example, an animal foaled any time in 2010 will be considered one year old on January 1, 2011, two years old on January 1, 2012, etc. Animals 5 years of age and younger are considered junior animals.
2. Animals may not be ridden in 4-H Horse & Pony events before July 1 of their two year old year.
3. Animals under 40" in height shall not be ridden at 4-H events.

Approved Protective Attire

1. **Helmet Rule: All 4-H members are required to wear a properly fitted ASTM or SEI standard F1163 (or above) certified equestrian helmet whenever mounted or driving. Original tags must be present in all approved helmets.**

Show Guidelines

1. The judge must excuse any animal from the ring he/she deems unsafe, lame, bleeding from the mouth or sides, or in any way be treated inhumanely.
2. The 4-H animal may only be ridden or driven by the 4-H member on the day or the 4-H show.
3. Stallions are not eligible to show, except during the calendar year they are foaled.

4. All participants in the ring while a class is being judged shall be 4-H members.

Ownership:

1. 4-H animals should 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) by May 15<sup>th</sup> until the conclusion of the project.
2. Leasing is considered the equivalent of ownership of a 4-H project animals.
  - a. Horse & Pony animals may be leased subject to approval of the Fair Board. Leases must be approved by the May meeting (1<sup>st</sup> Thursday of the month).
  - b. The 4-H'er should be regularly involved in the care of the horse, regardless of where stabled, and the 4-H'er should determine his/her primary show use of the animal during the 4-H lease period.
3. Class Disqualifications:
  - a. Exhibitor's failure to control animal, endangering self or others, as determined by judge or the ring steward.
  - b. Fall of animal or rider.
  - c. Unsoundness as determined by judge.
  - d. Equipment failure causing an unsafe condition as determined by judge. Note: This includes loss of helmet.
  - e. The use of illegal or prohibited equipment or attire in any class.
4. Tack
  - a. Hunter type tack
    - i. Animal is to be shown in either a halter or bridle during halter and showmanship classes.
    - ii. The halter must be plain and without decoration. A lead strap or rope with or without a chain is permissible.
    - iii. Saddle must be hunter or forward seat style, with or without knee rolls or padding.
  - b. Saddle Type/Gaited English tack
    - i. Animal is to be shown in a halter or bridle during halter and showmanship classes.
    - ii. Saddle must be English type
  - c. Western tack
    - i. Animal is to be shown in a halter for all halter and showmanship classes. Silver tack may be used.
    - ii. Saddle must be western style.
    - iii. Any animal may be shown in a western curb bit that has a solid

or broken mouthpiece and shank. The mouthpiece must be a minimum of 3/8 inch in diameter measured one inch from the shank. Maximum length of shank shall be 8 1/2 inches. Maximum height of the port shall be 3 1/2 inches. A curb strap must be used. Split or romal reins may be used.

- iv. Animals 5 years of age and younger may be shown in a snaffle bit or bosal. Snaffle bits must have a straight or broken, smooth, round mouthpiece with cheekpieces no more than 4 inches in diameter. Split reins must be used with two hands on the reins.

5. Clothing

a. Hunter Attire

- i. Exhibitor must wear knee-high boots or Jodhpur boots, and solid color hunt breeches or jodhpurs. A long sleeved shirt or blouse is required when a coat is not worn, but a short sleeve may be worn under a hunt coat. A hunt coat is recommended but not required. The ASTM and/or SEI standard helmet is required in all hunter type classes.

b. Saddle Type/Gaited English Attire

- i. Minimum requirements are tailored long pants, a long sleeved shirt or blouse with tie, and Jodhpur boots. If a coat is worn, a short sleeved shirt or blouse is permitted. A suitable coat is recommended. A traditional saddle suit with matching jacket is preferred. The ASTM and/or SEI helmet is required in all performance classes.

c. Western Attire

- i. Minimum requirements are western style long pants, long sleeved shirt with collar, and western boots with heel. Coats, vest, jacket, and gloves are optional. Chaps may be worn in performance classes but are prohibited in halter/showmanship classes.

Western hat or helmet is required in halter/showmanship. Helmet is required in all performance classes.

6. Vaccination Requirements
  - a. **Members should carry the completed and updated Certificate of Completion of Indiana Requirements for Exhibition of 4-H Horse and Pony (form 4-H-1031-W) to all 4-H horse and pony events.** Failure to meet guidelines on the form, an incomplete form, or outdated vaccinations will result in ineligibility from Indiana 4-H Horse and Pony Events.
  - b. The following vaccinations are required: Eastern and Western Equine Encephalomyelitis; Rhinopneumonitis/EHV type 1 and 4; Equine Influenza; Tetanus; and Rabies.
7. Barn procedures
  - a. No animals may be ridden in the barns.
  - b. All livestock must remain on the fairgrounds from check-in through check-out on Friday evening or will lose ribbons, trophies, and premium.
  - c. Stalls will be assigned by superintendents. Members are required to turn in pen request forms by the date designated by the county extension office. If space allows, each member will be assigned one stall. In the event more members have requested a stall than space allows, stalls will be assigned based on seniority and size of the animal.
  - d. The 4-H'er is responsible for bringing their own animals' feed and hay. Members are responsible for cleaning their own stalls DAILY and after animal release on Friday at 10 pm, watering, and exercising animals daily.
  - e. Animals are to be penned from 5:00-10:00 pm every night at the fair unless showing in the arena.
  - f. If a horse is stalled in the horse barn, it must remain through Friday.
  - g. Animal release will be Friday night from 10:00 pm until midnight.
8. General
  - a. The above is only a portion of the rules pertaining to the 4-H Horse and Pony Show. All Indiana 4-H Horse and Pony rules apply.
  - b. State fair entries are due by July 1<sup>st</sup>.

## JUNIOR LEADERSHIP

**NEED TO ATTEND** at least three (3) Junior Leader Meetings out of the 10 scheduled meetings and work 1 additional scheduled activity. Check newsletter for time and place. **Turn in completed manual on project check in day for grading at the Fair Office.**

### GENERAL INFORMATION

The Junior Leader Project helps young people develop leadership and responsibility for activities scheduled. Every 4-H member who is enrolled in the 7<sup>th</sup>-12<sup>th</sup> Grade by September 1, 2020 is eligible to become a Junior Leader member. There are 10 scheduled meetings a year and social activities throughout the year.

- Some of the responsibilities of a Junior Leader are:
1. Assist 4-H Adult Leaders with the 4-H program at club meetings and promote 4-H in the community.
  2. Serve as a role model to younger 4-H members by sharing their 4-H experiences.
  3. Assist younger 4-H member with their 4-H projects.
  4. Complete at least 1 additional 4-H project.
  5. Fulfill assignment responsibilities as designated at meetings.

4-H Junior Leaders perform services to 4-H in general and the community while having a good time. There are also several awards that are available only to Junior Leaders.



### LEADERSHIP

Jeanna Carter .....Superintendent

The Leadership project allows 4-H members grades 3-12 the opportunity to learn life skills that are important to be effective leaders of themselves and of groups. Through this project, members will set goals for their leadership development and then participate in hands-on activities from the project manuals that are designed to develop these skills.

A record sheet is to be completed and turned into the Fair Office after project check-in.

#### **Level 1: Grades 3-5**

Resource: Step Up to Leadership, My Leadership Workbook for Grades 3-5 (BU-7905)

- Select a project mentor to assist you with your project
- Set goals for what you wish to accomplish in the Leadership project
- Select activities from the manual you wish to complete this year
- Complete each of these activities and review them with your project mentor

Exhibit: A notebook sharing your goals and activities.



## Level 2: Grades 6-8

Resource: Step Up to Leadership, My Leadership Journal for Grades 6-8 (BU-7906)

- Select a project mentor to assist you with your project
- Set goals for what you wish to accomplish in the Leadership project
- Select activities from the manual you wish to complete this year
- Complete each of these activities and review them with your project mentor

Exhibit: A notebook sharing your goals and activities.

## Level 3: Grades 9-12

Resource: Step Up to Leadership, My Leadership Portfolio for Grades 9-12 (BU-7907)

- Select a project mentor to assist you with your project
- Set goals for what you wish to accomplish in the Leadership project
- Select activities from the manual you wish to complete this year
- Complete each of these activities and review them with your project mentor

Exhibit: A notebook sharing your goals and activities.

NO STATE FAIR EXHIBIT

## MICROWAVE FOODS

Dorothy Canada, Penny Brim, Debbie Royalty  
..... Superintendents

Complete at least 3 activities in your manual and turn in a completed record sheet in your green record book to the Fair Office on project check in day. You will want to bring an extra paper plate to display your food on (prior to judging) so the plate will not be grease stained.

**NOTE:** A picture will be taken of each 4-H member with their Foods project before it is presented to the judge.

EXHIBIT the following:

### LEVEL A

**Grade 3** – Microwave Snack (6 pieces)

**Grade 4** – Microwave Fudge (6 pieces)

### LEVEL B

**Grade 5** – Bar cookies or brownies (6)

**Grade 6** – Upside down cake

### LEVEL C

**Grade 7** – Fruit Crisp in the pan

**Grade 8** – Coffee Cake in the pan

### LEVEL D

**Grade 9** – Candy (6 pieces)

**Grade 10**– Double layer or Bundt cake

**Grade 11**– Pie in the pie plate

**Grade 12**– Jam or Jelly- (1 jar)

A 4 x 6 recipe card with your name must accompany your exhibit.

NO STATE FAIR ENTRY



## PERSONALITY

Carrie Bechman .....Superintendent

All divisions will exhibit an educational poster, display, or notebook relating to your division in the personality project. The poster must be 22" X 28" and displayed horizontally with stiff backing and a clear plastic covering. Complete a record sheet to be turned into the Fair Office on judging day. See Poster Pointers for poster rules in back of the handbook.

### Level A: Grades 3 & 4

Project Completion Recommendations

1. Read and study workbook.
2. Complete 2 - 3 activities in the workbook or complete 1 - 2 optionals for a total of 3 activities for the grade level.

#### Exhibit

\*A 22" x 28" horizontal poster explaining one or more of the units in this workbook.

### Level B: Grades 5 & 6

Project Completion Recommendations

1. Read and study this workbook.
2. Complete 2 - 3 activities in the workbook or complete 1 - 2 optionals for a total of 3 activities for the grade level.

#### Exhibit

\*A 22" x 28" horizontal poster explaining one or more of the units in this workbook.

### Level C: Grades 7, 8 & 9

Project Completion Recommendations

1. Read and study this workbook.
2. Complete 2 - 3 activities in the workbook or complete 1 - 2 optionals for a total of 3 activities for the grade level.

#### Exhibit

\*Grade 7 - A 22" x 28" horizontal poster highlighting one community service organization in the community.

\*Grade 8 - Develop a brochure explaining the organization mission, purpose, and goals for one community service organization in the community include in a three-ring binder notebook and include how others benefit from this organization's services.

\*Grade 9 - A community resource guide in a binder notebook

### Level D: Grades 10, 11 & 12

Project Completion Recommendations

1. Read and study the workbook and other references (check at your libraries for books and magazines).
2. Complete 2 - 3 activities in the workbook for the grade level.

## Exhibit

\*Grade 10 - A 22" x 28" poster or display board or a binder notebook describing **three** possible careers.

\*Grade 11 - A binder notebook displaying a monthly budget for **three** months--income and expenses to live on your own.

\*Grade 12 - A binder notebook holding an employment portfolio.

STATE FAIR EXHIBIT: 1 per level.



## PHOTOGRAPHY

Sharon Schafer, Michelle Hubbard, Sara Schafer, Amy Stuart, Krista Coles & Tara Cash... ..Superintendents

A record sheet is to be completed and turned into the Fair Office after project check-in.

1. All images are to be original images taken by the 4-H member
2. Complete a 4-H Photography Record Sheet each year.
3. Photos must have been taken since the last project entry date of the county fair.
4. All poster exhibits are to be mounted on a background board 22 inches by 28 inches, displayed horizontally, mounted on stiff backing (foam board, corrugated board, thin paneling, thin luan board--keep it thin and light.) and covered with clear acetate/plastic.
5. Place standard identification label in the lower right hand corner on poster boards and salon prints. Place your identification label on your board and under your plastic if at all possible.
6. Number photo prints on your print boards 1 to 10.
7. Captions under your photographs are not recommended nor are fluorescent posters.
8. Salon prints are one print, either Black &White or Color, printed horizontally or vertically. The print must be mounted on a standard 16 by 20 inch salon mount, displayed vertically and covered with plastic.
9. Sepia tone photographs (mono chromatic) are entered under the Black and White classes.

\*designates a State Fair entry possibility. Counties may send two entries from Level One (1), four entries from Level Two (2) and four entries from Level Three (3) for a total of ten exhibits. Being selected as a class winner may not be an automatic State Fair entry. The judge(s) will need to choose the best from each level.

### Mounting and Labeling:

- The mounting may be of any color or texture. The pictures are to be neatly and securely mounted. Dry mounting tissue is best.
- Salon mounts are available in most photo and art supply stores. They are available either in plain or with a cutout of the picture area. You may make your own. Matting is not required.

- The exhibit entry tag provided by the county Purdue Extension office is to be placed in the exhibit's lower right hand corner

### Level 1: Grades 3-5

You choose either type of prints to exhibit and choose to perfect your skills in either or both. You are encouraged to try your hand at both types of film for a broader learning experience. Your prints may be a mix of digital and/or standard development.

1. Black &White Prints\*
2. Color Prints\*

### Level 1: Grades 3-5

#### 1. **BLACK AND WHITE PRINTS:** "Capturing Memories"

- EXHIBIT: 10 black & white pictures, none of which is larger than 4" by 6", nor smaller than 3 1/2" by 5", any subject, mounted on a background board 22" x 28", displayed horizontally, on stiff backing covered with plastic. The poster must carry the title "Capturing Memories". It is recommended that you use and exhibit standard processing size for your prints. See mounting and labeling instructions section. Your prints may be a mix of digital and/or standard development.

#### 2. **COLOR PRINTS:** "Experiences in Color"

- EXHIBIT: 10 color pictures, none of which is larger than 4" by 6", nor smaller than 3 1/2" by 5", any subject, mounted on a background board 22" x 28", displayed horizontally, with stiff backing and covered with plastic. The poster must carry the title "Experiences in Color". It is recommended that you use and exhibit standard processing size for your prints. See mounting and labeling instructions section. Your prints may be a mix of digital and/or standard development.

### Level 2: Grades 6-8

You may choose from the class list below:

#### 3. **BLACK AND WHITE PRINTS:** "Photography is Fun"

- EXHIBIT: 10 black & white pictures, none of which is larger than 5" by 7" nor smaller than 2" by 3 1/2", mounted on a background board 22" x 28", displayed horizontally, with stiff backing and covered with plastic. The poster must carry the title "Photography is Fun". See mounting and labeling instructions section. Your prints may be a mix of digital and/or standard development.

#### 4. **COLOR PRINTS:** "Adventures in Color"

- EXHIBIT: 10 color pictures, none of which is larger than 5" by 7" nor smaller than 2" by 3 1/2", mounted on a background board 22" x 28", displayed horizontally, with stiff backing and covered with plastic. The poster must carry the

title "Adventures in Color". See mounting and labeling instructions section. Your prints may be a mix of digital and/or standard development.

**5. COLOR SALON PRINT:**

- EXHIBIT: One (1) color print no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

**6. BLACK AND WHITE SALON PRINT:**

- EXHIBIT: One (1) black & white no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

**7. CREATIVE/EXPERIMENTAL SALONPRINTS:**

- EXHIBIT: Any modified image may be exhibited as creative/experimental. One (1) black & white and/or color print, or a combination no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended. **Must** include original photograph (s) on the back of the board and attach a listing of steps and/or procedures used to create the end product

**Level 3: Grades 9-12**

**8. BLACK AND WHITE PRINTS:**

- EXHIBIT: 10 black & white pictures, none of which is larger than 8" by 10" nor smaller than 2" by 3 1/2", mounted on a background board 22" x 28", displayed horizontally, with stiff backing and covered with plastic. The poster must carry a title; use your own creativity. See mounting and labeling instructions section. Your prints may be a mix of digital, digitally enhanced and/or standard development.

**9. COLOR PRINTS:**

- EXHIBIT: 10 color pictures, none of which is larger than 8" by 10" nor smaller than 2" by 3 1/2", mounted on a background board 22" x 28", displayed horizontally with stiff backing and covered with plastic. The poster must carry a title; use your own creativity. See mounting and labeling instructions section. Your prints may be a mix of digital, digitally enhanced and/or standard development.

**10. COLOR SALON PRINT:**

- EXHIBIT: One (1) color print no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

**11. BLACK AND WHITE SALON PRINT:**

- EXHIBIT: One (1) black & white no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard

16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended.

**12. CREATIVE/EXPERIMENTAL SALON PRINT:**

- EXHIBIT: Any modified image may be exhibited as creative/experimental. One (1) black & white and/or color print, or a combination no smaller than 7" x 9" nor larger than 11" x 14", printed horizontally or vertically, mounted on a standard 16" x 20" salon mount, displayed VERTICALLY and covered with plastic. No title recommended. **Must** include original photograph (s) on the back of the board and attach a listing of steps and/or procedures used to create the end product.
- STATE FAIR ENTRIES:  
Beginner – 2 entries  
Intermediate – 4 entries (to be identified by judge)  
Advanced – 4 entries (to be identified by judge)



**PLANT SCIENCE**

Terry & Binnie Phillips, Steve Canada - Superintendents  
**Div. 1** Exhibit one (1) experiment of the five you complete as outlined in the manual. Exhibit should fit on a table space not to exceed 22" X 28". Attach completed exhibit sheet in a plastic protector. Turn in completed record sheet to Fair Office on judging day.

**Div. 2** Exhibit pineapple plant or a vining plant that is well established on a homemade totem pole and a completed exhibit sheet attached in a plastic protector. Turn in completed record sheet to Fair Office on judging day.

NO STATE FAIR EXHIBITS



**POULTRY & OTHER FOWL**

Billy & Jennie Keller, Susan Ward ...Superintendents

A record sheet is to be completed and turned into the Fair Office after project check-in.

GENERAL RULES

1. **In Poultry, a member may have 2 entries in each class. In Other Fowl a member may have only 1 entry per class. Each member may only show ONE (1) meat pen. Enroll exhibits online at fairentry.com.**

2. Members must have their birds by May 1 (except meat pen by June 1). Each bird exhibited must have been raised by the member as part of his/her project. NOTE: Broilers & roasters should be between 6-12 weeks old.

3. Coops for exhibition will be furnished by the Jefferson County Fair Board (except for large fowl, i.e.: turkeys, peacocks, etc.) Each member is expected to feed and water his/her own birds.

4. Exhibitors can use locks on cages as long as superintendents have a copy of the key or combination.
5. It is MANDATORY that 4-H members be present at the time their poultry exhibit is judged. Valuable information may be received by club members by listening to the reasons that the judge gives in placing and classes.
6. All poultry must be blood tested and cleared at check-in by Superintendent.
7. Pens will be pre-assigned.
8. Members are responsible for cleaning pens daily during fair and after animals are removed to be taken home.
9. Each bird exhibited may only enter the arena once for judging (except in Best of Show Class and Showmanship).
10. All egg exhibits will be sent home after judging.
11. The 4-H'er is responsible for bringing their own animal's bedding and feed to the fair and for feeding and watering their animals daily. Poultry must be checked several times a day to make sure they have sufficient water.
12. If a member cannot bring their animal for exhibition, they can exhibit a poster (on a topic related to Poultry & Other Fowl). See poster pointers in the back of the handbook. Enter at South Exhibit Hall.
13. **Deadline for changing lineup or classes is as posted by the Superintendents.** Only judge can change classes for an exhibit during the show.
14. **All animals are to be picked up after 10:00 p.m. the Friday of fair week.**

**ALL LIVESTOCK MUST REMAIN ON THE FAIRGROUNDS FROM CHECK-IN THRU CHECK-OUT LATE FRIDAY EVENING OR LOSE THEIR RIBBON, PREMIUM AND TROPHY.**

**REMINDER:** Parents and/or friends are to remain OUTSIDE of the show arena during the show.

**POULTRY SHOW CLASSES**

- Standard Large Fowl Exhibition- shown by breed.  
*Description of breeds below.*
  - American Breeds
  - Asiatic Breeds
  - Continental Breeds
  - English Breeds
  - Mediterranean Breeds
  - All Other Standard Breeds
- Bantams Exhibition

Each 4-H member may show:

- 2 pens of pullet pairs (2 pullets in each pen)
- 2 pens of 1 hen (one hen in each pen)
- 2 pens of 1 hen & 1 rooster (1 hen & 1 rooster in each pen)
- 2 pens of 1 rooster (1 rooster in each pen)

*Only one pen can be entered in a breed class, pens must be of different Breeds.*

- 6 eggs

- Meat Pen- *Maximum weight per bird- 6 lbs. Maximum total combined weight – 12 lbs.*
- 

**Breed Varieties:**

**American Breeds-** Plymouth Rock, Dominique, Wyandotte, Javas, Rhode Island Reds & Whites, Buckeyes, Chantecler, Jersey Giants, Lamonas, New Hampshires, Hollands, Delawares,

**Asiatic Breeds-** Brahams, Cochins, Langshans

**Continental Breeds-** Hamburgs, Polish, Campines, Lakenvelder, Mottled Houdan, Cravecours, LaFleche, Salmon Favorelle, Welsummer, Marans, Barnevelders

**English Breeds-** Dorkings, Redcaps, Cornish, Orpingtons, Sussex, Australorp

**Mediterranean Breeds-** Leghorns, Minorcas, Spanish, Blue Andalusian, Anconas, Buttercups, Catalanas

**All Other Large Fowl-** Araucana, Frizzles, Sumatra, Malay, Phoenix, Yokohama, Aseels, Sultans, Naked Necks, Ameraucana, Modern game, Old English

**OTHER FOWL/WATER FOWL CLASSES**

Only a female duck may be shown as a single entry. All these must show in a pair (male/female)

Ducks	Geese	Peacock
Turkey	Pheasants	
Pigeons	Guineas, Etc.	

NOTE: SPACE IS TO BE ALLOCATED BY SUPERINTENDENTS. IT IS CRITICAL THAT PEN REQUESTS MUST BE MADE BY JUNE 15<sup>TH</sup> TO GUARANTEE THERE WILL BE SPACE FOR YOUR POULTRY.

All poultry will have blood testing when brought to the fair prior to penning your birds. 4-H members going to State Fair must request paperwork before the end of the fair.

\*\*Show classes will be determined by American Standard of Perfection/ARBA.

**If a member cannot bring their animal for exhibition, they can exhibit a poster on a topic related to their animal. See Animal Poster Project for details.**



**RABBIT**

Amy Wheeler, Jennifer Bowling & Emmy Coles  
.....Superintendents

**GENERAL RULES**

\*\* NO rabbits will be allowed to be entered once registration is closed. All members will be notified by newsletter of date and time of Check In.



1. All exhibitors must own and have their rabbits enrolled online by May 15<sup>th</sup>.
2. There is no limit on the number of rabbits enrolled prior to spring tagging date providing the animals are **owned and cared for by the 4-H member who enrolls them.** (Exception - meat pen. These animals will not be born and members are to have possession of them by June 15.)
3. Any rabbit showing signs of illness or diseases will be rejected.
4. **A 4-H member may show a maximum of only two breeds per division, except Meat Pen. Each member may only show ONE (1) meat pen. Premium will be paid on the top ribbon per division.**
5. Rabbits tattoos, under the observation of Extension Educator, must be performed on each meat pen rabbit.
6. A meat pen consists of three (3) rabbits of the same medium breed and the same variety weighing three and a half (3 ½) to five and a half (5 ½) pounds each and not over 69 days of age.
7. **Members are responsible to enter all their rabbits with the Rabbit Superintendent in the barn and register for classes in the show arena. NO rabbits will be allowed to be entered once registration is closed. See Handbook for date and time of check-in.**
8. A listing of a member's entries will be posted on Sunday morning of the fair in the rabbit building for changes. Members are to notify the rabbit superintendent of any needed changes **prior to Show.** NO CHANGES WILL BE PERMITTED AFTER THIS TIME.
9. All 4-H exhibitors are responsible on the day of judging for carrying their rabbits to and from the judging table. Show personnel will not carry any 4-H rabbits for judging. **If members are not present to carry their own animal, they will be ineligible to show.**
10. All exhibitors must furnish feed, bedding, feed containers, and water containers when entering rabbits to show. They are also responsible for feeding and watering their rabbits every day.
11. Members are responsible for cleaning pens and floor under pens daily during and at the end of the fair.
12. **Each entry can only enter the arena once for judging** (except in Best of Show Class and Showmanship).
13. Members are to complete a record sheet and turn in on day of project check in at the Fair Office.
14. If a member cannot bring their animal for exhibition, they can exhibit a poster instead (from a topic in manual). See poster pointers in the back of the handbook. Posters are to be brought to the fair on the project check in date.
15. **Once your rabbits are entered they may not leave the fairgrounds before the release date and time, unless okayed by a superintendent of that species.**

**REMINDER:** Parents and/or friends are to remain **OUTSIDE** of the show arena during the show.

EXHIBIT:

Rabbits will be shown by breed in the following divisions:

- Senior Buck** (8 months or older)
- Senior Doe** (8 months or older)
- Intermediate Buck** (6-8 months)
- Intermediate Doe** (6-8 months)
- Junior Buck** (under 6 months)
- Junior Doe** (under 6 months)
- Meat Pen** (pen of 3)

Rabbits will be entered in designated breed classes per division. Check procedures sheet for the breed classes available.

**NOTE:** Spaces are to be allocated by Superintendent. It is critical pre-registration be made as requested in June with pen request.

\*\* Exhibitors can use locks on cages as long as superintendents have a copy of the key or combination.

\*\*\* Show classes will be determined by American Standard of Perfection/ARBA.

### Rabbit Ambassador Contest

**NOTE:** The contest consists of a test, picture ID, and showmanship placing for winning.

To compete you must do a test and participate in showmanship. Winners qualify to compete at State Fair.

The categories are:

Novice – grades 3-4

Junior – grades 5-6

Intermediate – grades 7-8

Senior – grades 9-10

Master – grades 11-12

Only one person per category will qualify for State Fair in Rabbit Ambassador.

**If a member cannot bring their animal for exhibition, they can exhibit a poster on a topic related to their animal. See Animal Poster Project for details.**



### SCRAPBOOK

Carrie Bechman .....Superintendent

**Exhibit:** Album with 10 pages that have been made since the last 4-H Fair according to guidelines included in this manual. You can add to your album each year.

Requirements:

1. Carefully read the Project Manual.
2. Complete record sheet with leader's signature and turn in at the Fair Office on day of judging.
3. Carefully proofread your spelling.
4. Scrapbook album must demonstrate a good sense of the entire project and what it means to preserve your memories.

All Divisions:

Each scrapbook will:

- A. Each scrapbook album will have a front and back cover with pages firmly attached between the covers.
- B. Be at least 8" x 10" (12" x 12" is the most common size and will be easier to work with and find materials).
- C. Each page will be covered with a plastic page protector. Should be made of a photo-safe plastic to protect album pages and photographs from finger prints, abrasion and accidental spills.
- D. Acid-free, lignin-free, buffered scrapbook pages are suggested.
  - 1. Acid-free, pH-balanced chemistry, so pages will not accelerate the natural deterioration of your photos.
  - 2. Lignin-free pages will maintain their durability and whiteness, non-yellowing.
  - 3. Alkaline reserve (buffering) has a neutralizing effect to protect photos against pollutants from "the outside" (i.e. the environment, acidic greeting cards, etc.)

**EXHIBIT REQUIREMENT BY GRADE:**

**Beginner (grades 3-5)**

Layout: Simple 2-3 colors of paper; stickers and die cuts can be used, but are not mandatory.

Cropping: Straight cutting of photos using regular scissors or paper cutter. Decorative scissors can be used on colored paper.

Journaling: Bullet labeling supplying only the basic information such as who, what, when and where.

Keep in mind that the main focus is preservation and not how many stickers or fancy papers you use on your page. Let your pictures and memorabilia be the main focus.

**Intermediate (grades 6-8)**

Layout: More creative layout. Creative borders and lettering can be used.

Cropping: Circle, oval and other shaped templates can be used.

Journaling: Captions put bulleted information into sentences.

Using a variety of cropping techniques and page layouts will add interest and creativity to your album. Not everything has to be cropped and "artsy." Use a nice balance.

**Advanced (grades 9-12)**

Layout: may include a pop-up page, pocket page or quilt type layout, but not every page has to be these types. Use techniques you have learned in previous divisions. Include a variety of layouts.

Cropping: Silhouette cropping can be used in addition to techniques you have learned in previous divisions.

Journaling: Use bullets and captions, plus storytelling – writing your thoughts and feelings, telling a complete story or memory on each page. Not every photo has a complete story; please choose the ones deserving of this when you are thinking of your 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 others on the page. It's easiest to storytell if you pretend like you're writing in your diary, or sharing some exciting news with your best friend.

No State Fair entries for the scrapbook project



**SEWING**

Taylor Hubbard & Bridget Leach .....Superintendent

There are two types of sewing a member may exhibit in each division. A member may exhibit 1 article in one or both types - Wearable or Non-wearable/accessories. Only Wearable will be able to compete in Fashion Revue. Complete and turn in a record sheet signed by your 4-H Leader to Fair Office on judging day.

**Level: Level A (Grade 3)**

**Skills to Learn and Include in Exhibit**

Include at least 2 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

**Exhibit**

**Wearable:** Elastic waist shorts, pants OR skirt with fold over casing; no pockets. **Attach** Sewing Skills Card (4-H 925c-W) to the exhibit.

**Non-wearable:** Simple pillow sham with lapped back opening and purchased pillow form (following instructions provided in manual) OR simple tote bag with handles or drawstring. **Attach** Sewing Skills Card (4-H 925c-W) to the exhibit.

**Level: Level A (Grade 4)**

**Skills to Learn and Include in Exhibit**

Seam finishes are recommended on all exposed seams. Include at least 2 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

**Exhibit**

**Wearable:** Shorts, pants OR skirt with partial or full sewn-on waistband or waistline facing, or partial elastic waistband (not a full elastic waistband) OR simple shirt or top OR BBQ apron. **Attach** Sewing Skills Card (4-H 925c-W) to the exhibit.

**Non-wearable:** Shaped pillow with curved seams, stuffed and sewn closed OR hanging pocket organizer OR bound edge placemats (set of 4). **Attach** Sewing Skills Card (4-H 925c-W) to the exhibit.

**Level: Level B (Grade 5)**

**Skills to Learn and Include in Exhibit**

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching and trimming should be used when appropriate.

Choose at least 3 of these additional skills for each sewn exhibit.

match fabric design	sew with knit	gather fabric
insert elastic	insert zipper	apply facings
use a drawstring	sew buttons	hand-stitch a hem
apply binding	sew a simple sleeve	use batting
apply purchased trim or ribbons	use a simple lining	sew patch or inseam pockets
do a machine blind hem	do a machine topstitched hem	apply machine topstitching

**Exhibit**

**Wearable:** Simple shirt with sleeves OR sundress OR jumper OR simple 2 piece pajamas. **Attach** Sewing Skills Card (4-H 926C-W) to the exhibit.

**Non-wearable:** Pillow lap quilt (quillow) OR structured duffel bag, tote bag or backpack, OR sewn hat. **Attach** Sewing Skills Card (4-H 926C-W) to the exhibit.

**Level: Level B (Grade 6)**

**Skills to Learn and Include in Exhibit**

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching and trimming should be used when appropriate.

Choose at least 4 of these additional skills for each sewn exhibit.

make darts set in sleeves insert a lapped zipper hand-stitch a hem make buttonholes sew tucks or pleats sew ruffles hand sew buttons apply trim sew a simple lining sew patch pockets apply bindings do a machine topstitched hem	sew facings apply ribbing sew a simple collar do a machine blind hem sew with knit match fabric design use fiberfill apply machine appliqué insert piping apply machine topstitching construct with a serger sew inseam pockets
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**Exhibit**

**Wearable:** Two (2) garments that can be worn together. **Attach** Sewing Skills Card (4-H 926C-W) to the exhibit.

**Non-wearable:** Pillow sham with button or zipper closing, appliqued design, piping or ruffle. Make your own pillow form OR totebag with zipper or duffel bag with zipper, pockets and lining OR doll or pet clothes OR construction techniques sample notebook (following instructions provided in the manual). **Attach** Sewing Skills Card (4-H 926C-W) to the exhibit.

**Level: Level C (Grade 7)**

**Skills to Learn and Include in Exhibit**

Seam finishes are recommended on all exposed seams (except knits). Interfacing, understitching, and trimming should be used when appropriate.

Choose at least 5 of these additional skills for each sewn exhibit:

make darts set in sleeves sew facing apply ribbing apply a collar sew on buttons use doll joints apply inseam pockets apply front hip pockets match fabric design apply trims apply machine or hand appliqué apply machine topstitching insert a lapped zipper insert an invisible zipper insert a separating zipper insert a fly front zipper do machine quilting do a hand-stitched hem do a machine topstitched hem do a machine blind hem	attach cuffs apply binding sew lining apply ruffles insert piping make buttonholes use fiberfill apply patch pockets use a twin needle apply tucks/pleats construct with a serger apply machine embroidery
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**Exhibit**

**Wearable:** School or sports outfit. Can be one or more pieces. **Attach** Sewing Skills Card (4-H 927C-W) to the exhibit.

**Non-wearable:** Dressed, jointed (with sockets) stuffed animal OR sewn item for holiday or special occasion OR construction techniques sample notebook (following instructions provided in manual). **Attach** Sewing Skills Card (4-H 927C-W) to the exhibit.

**Level: Level C (Grades 8 and 9)**

**Skills to Learn and Include in Exhibit**

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 6 of these skills for each sewn exhibit:

make darts	attach cuffs	do machine or hand quilting
make tucks	make pleats	apply machine or hand applique
add lining	insert elastic	apply machine topstitching
add facings	add boning	insert an invisible zipper
add plackets	apply a collar	insert a separating zipper
add lapels	insert piping	insert a fly front zipper
make sleeves	make a neckband	insert a lapped zipper
add gathers	add vents	insert a hand picked zipper
apply trim	sew buttons	do a machine topstitched hem
apply ribbing	add underlining	do a machine blind hem
add a drawstring	add ruffles	do a hand-stitched hem
use shaped seams	sew with knit	make self-covered buttons
use fiberfill	make button loops	use specialty threads
add a waistband	do hand beading	make self-enclosed seams
add patch pockets	add inseam pockets	sew with difficult fabric
add front hip pockets	add welt pockets	make machine buttonholes
match fabric design	use twin needle	make bound buttonholes
make shoulder pads	create bound edges	make bound buttonholes
apply machine embroidery		

**Exhibit**

**Wearable:** Same as fashion revue categories. **Attach** Sewing Skills Card (4-H 928C-W) to the exhibit.

**Non-wearable:** Sewn items for your home OR construction techniques sample notebook OR sewing machine survey. (Following instructions provided in

manual). **Attach** Sewing Skills Card (4-H 928C-W) to the exhibit.

**Level: Level D (Grades 10, 11, and 12)**

**Skills to Learn and Include in Exhibit**

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 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 and/or batting add a waistband add patch pockets add front hip pockets match fabric design make shoulder pads apply machine embroidery coordination of fabric for quilted item	attach cuffs make pleats insert elastic add boning apply a collar insert piping make a neckband add vents 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 hand/machine beading make a reversible item	do machine or hand quilting apply machine or hand appliqué 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 do a machine topstitched hem do a machine blind hem do a hand-stitched hem make self-covered buttons use specialty threads make self-enclosed seams sew with difficult fabric construct with a serger make machine buttonholes make bound buttonholes piece quilted item other skills not listed above
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**Exhibit**

**Wearable:** Same as fashion revue categories. **Attach** Sewing Skills Card (4-H 928C-W) to the exhibit.

**Non-wearable:** Sewn items for your home OR construction techniques sample notebook OR sewing machine survey. (Following instructions provided in manual). **Attach** Sewing Skills Card (4-H 928C-W) to the exhibit.

**Level: Advanced Sewing Wearable Exhibits (Levels C & D)**

**Skills to Learn and Include in Exhibit**

**Advanced Sewing Wearable Exhibits (Levels C & D)**

**DEFINITION OF AN OUTFIT:** An outfit is a garment or garments that when put together make a complete look - such as one or two piece dress, or one or two piece pant suit, or a three piece combination, such as pants, vest, and blouse or shirt.

\*\*\***Informal or Casual Wear:** A complete outfit of 1 or 2 pieces suitable for school, weekend, or casual, informal activities.

\*\*\***Dress Up:** This is suitable for special, church, or social occasions that 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 that 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 sportswear, lounge wear, riding habits, historic, dance, theatrical, or international costumes, capes, and unlined coats.

\*\*\***Suit or Coat:** The suit consists of two 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 garments that 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 or more pieces suitable for any formal occasion, such as proms, weddings, and formal evening functions.

#### STATE FAIR ENTRIES:

Wearable – 1 per grade

Non-wearable – 1 per grade



### SEWING FOR FUN

Taylor Hubbard & Bridget Leach .....Superintendent  
EXHIBIT REQUIREMENTS

1. The garments you made (any type) for yourself and modeled by you at Fashion Revue.
2. An information tag is to be attached to the garment telling the care instructions.
3. Garments are to be checked in on Thursday for display. Complete and turn in a record sheet signed by your 4-H Leader to Fair Office.
4. All garments are to be displayed at the County Fair or the member will lose their ribbons and premiums.
5. Exhibits will be judged by age category as follows:

Div 1 - Grades 3 & 4 by 1-1-20

Div 2 - Grades 5 & 6 by 1-1-20

Div 3 - Grades 7 & 8 by 1-1-20

Div 4 - Grades 9 & 10 by 1-1-20

Div 5 - Grades 11 & 12 by 1-1-20

6. Not to be exhibited under sewing construction.  
ONLY GARMENTS WILL BE ACCEPTED.

NO STATE FAIR ENTRIES.



### SHEEP

Judy Smith & Judy Elston....Superintendents

#### GENERAL RULES

1. **ALL SHEEP SHOWN AT COUNTY FAIR ARE TO HAVE A COUNTY 4-H TAG. See back cover for tagging comparison chart.**
2. All animals must meet State Health Requirements. **Any sheep showing signs of ringworm, sore mouth or foot rot at any time during the fair will be sent home immediately.**
3. **All 4-H sheep must have been enrolled by County Tagging Day. You as a 4-H member must be enrolled by April 15. Any animal not officially enrolled by May county tagging day is not eligible to show at the County Fair.**  
**Each member will be allowed to bring a total of 4 sheep to the fair for show. It is best to have two lambs in case one gets sick.**
4. All Sheep must be inside the barn at 5 p.m. when the sheep show starts. No washing or trimming may be done outside the building after the start of the show and NO lambs may be on stands outside building.
5. **All market lambs are to be shorn at least once before coming to fair.**
6. **No blankets or covers will be allowed on sheep the day of arrival.**
7. Female lambs in the market class cannot have been shown in the breeding classes.
8. Members can only show two (2) animals per age, per breed, in the ewe classes.
9. The 4-H'er is responsible for cleaning the bedding, feeding and watering them daily.
10. The 4-H'er is responsible for cleaning the pen daily.
11. All market lambs must be tagged and retinal scanned during the spring county tagging day or they will be ineligible to show.
12. All sheep must have a 4-H tag to show (and be retinal scanned on spring tagging day for State Fair).
13. Animals are to be tied or penned from 5:00 - 10:00 p.m. every evening of fair unless animal is being shown in the livestock arena.
14. Members are to complete a record sheet and turn it into the Fair Office on the day your animal(s) are brought to the fair.
15. If a member cannot bring their animal for exhibition, they can exhibit a poster (on a topic related to sheep). See poster pointers in the back of the handbook. Enter at South Exhibit Hall.
16. There must be at least 3 in a breed of market class to have a show in that breed. If not 3 in a breed, they would show in an "all other breeds" class. If there is not 3 in the "all other breeds" class, they will show in the crossbred class.

17. All equipment is to be removed from the aisles prior to show.

18. EXHIBIT CLASSES - all classes will be shown by breed  
Single Ewe Lamb  
Single Yearling Ewe  
Breed Champion  
Single Market Lamb

\*\*Halters for showing lambs are optional

19. **All female lambs & ewes must have a scrapie tag.**

**ALL MARKET LAMBS MUST WEIGH AT LEAST 80 POUNDS TO SELL IN AUCTION**

**ALL LIVESTOCK MUST REMAIN ON THE FAIRGROUNDS FROM CHECK-IN THRU CHECK-OUT LATE FRIDAY EVENING OR LOSE THEIR RIBBON, PREMIUM AND TROPHY.**

**HALTER CLASS:** The objective of this class is to present a sheep for exhibition with the use of the *halter only* (no hand or body) contact, exhibitor will be disqualified for handling of the animal. Activities include: straight lead, circle lead, and stand for inspection. The class will be divided by age as deemed necessary by superintendent.

**HUTCHINSON AWARD (see page vi in back of Handbook)**

The purpose of this award is to encourage participation and completion of the 4-H Sheep project and other 4-H projects. The 4-H member accumulating the highest number of points under the criteria will receive \$150 cash award and an engraved plaque. This award can only be won once. For more information, call the Extension Office at 265-8919.

**SUZIE SMITH BROADHEAD Scholarship (see page vi in back of Handbook)**

This scholarship is to recognize a Senior 4-Her who has shown sheep in Jefferson County for 4 years (including Senior Year). For more information, call the Extension Office at 812-265-8919.

**If a member cannot bring their animal for exhibition, they can exhibit a poster on a topic related to their animal.**



**SHOOTING SPORTS**

Terry & Binnie Phillips, Steve Canada - Superintendents

The 4-H Shooting Sports project teaches safe operation of firearms and archery equipment. Volunteer instructors must be certified at a workshop. Six disciplines are offered at the state level: archery, hunting, muzzle loading, pistol, rifle, and shotgun. The disciplines offered in any county will depend on the availability of certified 4-H shooting sports instructors to teach the classes, ranges, and equipment.  
Exhibit Introduction

Create an exhibit that shows the public what you learned in shooting sports education 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 placed on back of poster. Title your exhibit with one of the following: archery, outdoor skills, muzzle loading, pistol, rifle, shotgun, or shooting sports. You can use a subtitle, if you wish.

Complete and turn in a record sheet signed by your 4-H Leader to the Fair Office on judging day.

**Important Notes:**

- Firearms or ready to shoot bows are not allowed to be exhibited. Unstrung bows are permissible.
- Live ammunition is not allowed to be exhibited (no powder or primer)
- An arrow with its arrowhead 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 is removed. Modern broadhead arrows are not allowed to be exhibited.
- Displays involving firearms or bows 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. Photos are encouraged.

**Level 1: Grades 3-5**

Display a poster showing what was learned in the 4-H Shooting Sports project.

**Level 2: Grades 6-8**

Choose one of the following options. Exhibits **MUST** meet the size restrictions or be presented in a notebook.

1. Poster
2. Small project or model no larger than 18 x 18 x 36 inches.
3. Notebook, showing how a shooting sports item was made, or project completed.

**Level 3: Grades 9-12**

Choose one of the following options.

1. Poster.
2. Project or model (any size)
3. Notebook, showing how a shooting sports item was made, or project completed.

**Independent Study: Grades 9-12**

Advanced topic - Learn all you can about an advanced shooting sports topic and present it on a poster. Include a short manuscript, pictures, graphs, and list of 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."

STATE FAIR ENTRIES: 1 per division

  
**SOIL & WATER**

Chris & Tristan Imel.....Superintendents

The member must complete 3 activities in their manual and turn in a completed record sheet to Fair Office on judging day.

Information labels and a name label are to be attached according to size and location as described in the manual. See Poster Pointers in the back of the handbook.

The Soil and Water Conservation project teaches youth about soil, water, & environmental stewardship. Learn about soil and water quality, how they interact, and how we can protect and preserve them.

Create an exhibit that shows the public what you learned in the weather and climate 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 or other transparent material. Notebook exhibits must be displayed in a standard three ring binder. Choose one 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 on back of poster.

**Level 1**

- 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**

- 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**

- 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, project, 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."

STATE FAIR ENTRIES: 1 per level

  
**SPORTFISHING**

Binnie & Terry Phillips....Superintendents

**Exhibit Introduction**

Create an exhibit that shows the public what you learned in the sportfishing project this year. 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 on back of poster. Choose one 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 subtitle if you wish.

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-Hmember's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, 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 exhibit for the manner in which references are listed.

**Level 1 (Grade 3 to 5) 4-H BU-7598**

Exhibit a poster based on one of the following activities:

Lets 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 and indicate what you hope to learn in this project. Draw or take photos of you "Playing a Fish."
	Display a photo of you casting your pop can rig and your casting record.

Pop Can Casting	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 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 (Grade 6 to 8) 4-H BU-7599**

Exhibit a poster based on the following activities:

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. 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 woolly 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 (3-5

	sentences or bullet points) why fish have different mouths, body shapes, and coloration.
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### **Level 3 (Grade 9 to 12) 4-H BU-7600**

Exhibit a poster based on the following activities:

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 skillathon stations (you may use the suggestions on page 9 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 7 materials in the matching game and indicate their potential use.
Collecting Aquatic Insects	Complete and display the chart on page 18 (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 3-5 Field Journal entries on your display. Include photographs that show where you had the fishing experience, if possible
Playing Know Your Fish	Make a "flap" quiz to teach fish facts. Show a picture or ask a question about a fish. Give the answer(s) under the flap. Choose 5 - 10 fish using at least 5 fish from your manual. Be sure to list multiple species if the information you provide applies to more than one of the species you choose.



Level: Independent Study: Grades 9 - 12

Exhibit

Advanced Topic	Learn all you can about a sport fishing 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 Sport Fishing - 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 Sport Fishing - Mentor."

STATE FAIR ENTRIES: 1 per level



**SWINE**

Linda & Dennis Gray.....Superintendents

**ALL LIVESTOCK MUST REMAIN ON THE FAIRGROUNDS FROM CHECK-IN THRU CHECK-OUT LATE FRIDAY EVENING OR LOSE THEIR RIBBON, PREMIUM AND TROPHY.**

GENERAL RULES

**For the safety of swine, ONLY nipple type waters can be used if water is left in the pen.**

1. All animals must meet the State Health Requirements.
2. **All** animals must be enrolled and ear notched by the spring county tagging day. **Each member will be allowed to bring a total of 4 swine to the Fair for show.**
3. No swine are to be unloaded and stalled at the Fair until they are checked by the Swine Superintendent. Any violation of this rule will disqualify the 4-H'er from showing at the Fair.
4. Each member will furnish bedding for his/her animal and is responsible for feeding and watering them daily. In hot weather keep animals cool and water as needed.
5. Pens will be pre-assigned.
6. 4-H'ers are responsible for proper enrollment and tagging and class placement. Failure to do so will disqualify the animal.
7. All swine must be shown in one of the judging classes to be eligible for Showmanship or sale. **All swine for sale must weigh at least 220 pounds and not exceed 300 pounds. Slick clipping or body shaving of 4-H barrows and gilts is prohibited. Animals that are slick clipped or body shaved less**

**than one half inch (in length) will not be allowed to exhibit.**

8. A breed champion will be chosen from each class. All barrows will be weighed and subdivided into weight classes per breed.
9. The Grand Champion Barrow or Gilt will be chosen from the breed champions.
10. If over 15 barrows are exhibited in one class, they will be weighed and divided into sub-classes. If more than one barrow falls on the breaking point, they will be shown in the light weight class.
11. There must be at least 3 in a breed of barrow class to have a show in that breed. If not 3 in a breed, they would show in an "all other breeds" class. If there are not 5 in the "all other breeds" class, they will show in the crossbred class.
12. Members are responsible to clean pens daily.
13. Animals are to be penned from 5:00 - 10:00 p.m. every evening of fair unless the animal is being shown in the livestock arena.
14. Members are to complete a record sheet and turn into the Fair Office during project check in.
15. If a member cannot bring their animal for exhibition, they can exhibit a poster (on a topic related to Swine). Enter Posters at the South Exhibit Hall.

EXHIBIT CLASSES

- Gilt (by breed)
- Champion Gilt (by breed)
- Grand Champion Gilt
- Barrow (by breed)
- Champion Barrow (by breed)
- Grand Champion Barrow

**Note:** All ear notches are to be entered in 4-H Online to qualify for County and State Fair. The notches are to match exactly the notch in the pig's ears.

A Jefferson **County Family Farm Born/Bred Gilt class** will be held. In order to show in this class, gilts must be owned by and born on the 4-H member's family farm in Jefferson County.

Members must complete and turn in Born and Bred form to Superintendents on day of tagging in order to be eligible for the Family Born/Bred Gilt Class.

**If a member cannot bring their animal for exhibition, they can exhibit a poster on a topic related to their animal.**



**TRACTOR**

Terry & Binnie Phillips, Steve Canada - Superintendents  
ALL GRADES:

You will enroll by the grade you are in as of 1/1/20. For completion you will need to turn in your completed record sheet to the Fair Office on judging day.

**Division 1 (Grades 3-4)**

Exhibit a poster or notebook report on subject matter content found in the Level A manual.

### **Division 2 (Grades 5-6)**

Exhibit a poster or notebook report on subject matter content found in the Level B manual.

### **Division 3 (Grades 7-9)**

Exhibit a poster or notebook report on subject matter content found in the Level C manual.

### **Division 4 (Grades 10-12)**

Exhibit a poster or notebook report on subject matter content found in the Level D manual.

See Poster Pointers in the back of the handbook for poster rules.

STATE FAIR ENTRIES: 1 per division

## **TRACTOR OPERATOR'S CONTEST**

B.J. Cain, Bart Phillips, Gregory Brawner,  
& Jason Anderson .....Superintendents

1. New tractors and a wagon will be furnished.
  2. Participants must be enrolled in Tractor project and have completed the 3 activities in the manual.
  3. Participants will take a written exam. The questions have been taken from the old tractor manuals.
  4. Time allowed for obstacle course is eight (8) minutes.
  5. Junior Division - Grades 3-7 (2-wheel cart/wagon)  
Senior Division - Grades 8-12 (4-wheel wagon)
  6. Scorecard and more detailed rules are available at the Extension Office
  7. A garden tractor competition will be offered.
- Members cannot participate in both.**
8. Top 3 winners in each division of each competition may go on to the Area Contest in Decatur County.



## **VETERINARY SCIENCE**

Terry & Binnie Phillips, Steve Canada....Superintendents

See Poster Pointers in the back of the handbook for poster rules. A record sheet is to be completed and turned into the Fair Office after project check-in.

The 4-H Veterinary Science Project provides youth a fun and hands-on learning experience that helps them learn more about the Veterinary Science profession, and opportunities for careers in animal health. Subjects such as general health care, physiology, anatomy and careers are presented in the curricular materials, through workshops such as Science Workshops for Youth, and through hands on experiences with local veterinarians. Youth also have the opportunity to develop responsibility, decision making and communication skills through active participation in the 4-H Veterinary Science Project.

### **Exhibit Introduction**

4-H Veterinary Science exhibits should be educational in nature covering one (1) or more of the topics presented in the members' manual and/or found

in the 4-H Veterinary Science Leaders Guide. An educational exhibit is one that should be able to teach other people about your topic. Chose a topic you think is interesting and apply your imagination.

### **Requirements**

#### **Level 1: Grade 3-5**

1. Read and complete 3 activities you have not completed before.
2. Attend county workshops, when available.
3. Turn in your completed record sheets to finish the project and to be eligible for 4-H fair exhibit.

Exhibit:

\*22"x 28" poster related to Chapter 1, 2, or 3.

#### **Level 2 (Grades 6-8)**

1. Read and complete 3 activities you have not completed before.
2. Attend county workshops, when available.
3. Turn in your completed record sheets to finish the project and to be eligible for 4-H fair exhibit.

Exhibit:

22"x 28" poster, display, or quiz board related to chapter 1, 2, or 3. Display or Quiz board should be no larger than 36" x 36" x 36".

#### **Level 3 (Grades 9-10)**

1. Read and complete 3 activities you have not completed before.
2. Attend county workshops, when available.
3. Turn in your completed record sheets to finish the project and to be eligible for 4-H fair exhibit.

Exhibit:

Develop and assemble a teaching aid. **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 page outline of a workshop or demonstration you presented.

STATE FAIR ENTRIES: 1 per division



## **WEATHER & Climate Science**

Chris & Tristan Imel.....Superintendents

Create an exhibit that shows the public what you learned in the weather and climate 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 or other transparent material. Notebook exhibits must be displayed in a standard three ring binder. Choose one 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, and 4-H club on back of poster.

Level 1

- 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

- 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

- 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 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 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."

STATE FAIR EXHIBITS: 1 exhibit per division



## WEEDS

Clarence & Diana Marshall.....Superintendents

### **Division 1 (May do 1 to 2 years)**

1. Collect and identify 15 different weeds from the common and/or invasive plants of Indiana. Your collection of weeds must be taken from the list of common weeds in publication 4-H 247-W. Be aware that some weeds may be more prevalent at different times of the year. Each specimen should show flower and/or fruit, leaf, stem, and root characteristics, all of which are necessary for complete and accurate identification.
2. Press weeds (see page 4, 4-H 247-W).
3. Mount each individual weed on 8 1/2" x 11" poster board by either taping or gluing the plant to the poster board
4. Cover the poster board containing the plant specimen with cellophane or clear sheet plastic or put it in a plastic sheet protector. Place the pages in a three-ring binder (punch holes of adequate size to allow easy turning of the pages in the binder).

5. Label (label size, 1 1/2" x 2") each weed as to:
  - Name of weed (common and scientific names-remember to italicize or underline scientific names)
  - Where found (lawn, garden, pasture, etc.)
  - How it reproduces (seed and/or underground root parts)
6. Answer questions on record sheet 4-H 247A-W, and put a copy of the record sheet in your notebook.
7. In year two, exhibit a different set of weeds, not repeating the ones from year one.

### **Division 2 (may do 1 to 2 years)**

1. Collect and identify 5 noxious and five poisonous weeds of Indiana. Your collection of weeds must be taken from the list of noxious and poisonous weeds in publication 4-H 247-W. Be aware that some weeds may be more prevalent at different times of the year. Each specimen should show flower and/or fruit, leaf, stem and root characteristics, all of which are necessary for complete and accurate identification.
2. Press weeds (see page 4, 4-H 247-W).
3. Mount each individual weed on 8 1/2" x 11" poster board by either taping or gluing the plant to the poster board
4. Cover the poster board containing the plant specimen with cellophane or clear sheet plastic or put it in a plastic sheet protector. Place the pages in a three-ring binder (punch holes of adequate size to allow easy turning of the pages in the binder).
5. Label (label size, 1 1/2" x 2") each weed as to:
  - Name of weed (common and scientific names--remember to italicize or underline scientific names)
  - Where found (lawn, garden, pasture, etc.)
  - How it reproduces (seed and/or underground root parts)
6. Answer questions on record sheet 4-H 247B-W, and put a copy of the record sheet in your notebook.
7. In year two, exhibit a different set of weeds, not repeating the ones from year one.

### **Division 3 (may do multiple years)**

1. Collect and identify 15 different weed seeds from mature plants from the list of common, noxious, or poisonous weeds in 4-H-217-W. Five of these weed seeds must be taken from the list of noxious weeds in 4-H 247-W. Be aware that some weeds may be more prevalent at different times of the year.

2. Clean the seeds and separate from the fruit (See page 3 of 4-H 247-W).
3. Place one tablespoon of the dried weed seeds in a plastic zippered bag.
4. Mount the plastic bags on poster board (22" x 28"). Mounting must be made to exhibit the poster in a horizontal position. Place your name, age, and 4-H club on back of poster.
5. Label (label size, 1 1/2" x 2") each weed seed as to:
  - o Name of weed (common and scientific names--remember to italicize or underline scientific names)
  - o Where found (lawn, garden, pasture, etc.)
  - o Annual, biennial, or perennial.
6. Answer questions on record sheet 4-H 247C-W, and attach a copy of the record sheet to the back of your poster.
7. In each consecutive year, exhibit different seeds, not repeating the ones from the year before.

STATE FAIR ENTRIES: 1 per division

## Exhibit

- A poster related to an activity from the level 1 manual
- A poster and/or notebook of a wildlife related science experiment appropriate for grades 3-5

## Level 2 Exhibit

- A poster related to an activity from the level 2 manual
- A poster and/or notebook of a wildlife related science experiment appropriate for grades 6-8

## Level 3 Exhibit

- 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/](http://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."

STATE FAIR ENTRIES: 1 entry per level.

## WOODWORKING

Clarence & Diana Marshall .....Superintendents

**[Be sure to reference "Indiana Woodworking Tools, Skills & Techniques" \(4-H 6875C-W\) for the techniques to use for the different project levels.](#)**



## WILDLIFE

Clarence & Diana Marshall .....Superintendents

A record sheet is to be completed and turned into the Fair Office after project check-in.

### Exhibit Introduction

Create an exhibit that shows the public what you learned in the wildlife 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 or other transparent material. Notebook exhibits must be displayed in a standard three ring binder. Choose one 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 place on back of poster.

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 web site links, people and professionals interviewed, books, 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 exhibit for the manner in which references are listed.

### Requirements

#### Level 1

### **Level 1 (Grades 3-4)**

Complete the activities as indicated in the manual or as specified by the County Extension Office.

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 web site links, people and professionals interviewed, books, 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 exhibit for the manner in which references are listed.

#### **Exhibit**

- Exhibit one 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, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.

OR

- Exhibit a poster on any topic covered in the Level 1 manual.

### **Level 2 (Grades 5-6)**

Complete the activities as indicated in the manual or as specified by the County Extension Office.

#### **Exhibit**

- Exhibit one 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, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.

OR

- Exhibit a poster on any topic covered in the Level 2 manual.

### **Level 3 (Grades 7-9)**

Complete the activities as indicated in the manual or as specified by the County Extension Office.

#### **Exhibit**

- Exhibit one 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, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.

OR

- Exhibit a poster on any topic covered in the Level 3 manual.

### **Level 4 (Grades 10-12)**

Complete the activities as indicated in the manual or as specified by the County Extension Office.

#### **Exhibit**

- Exhibit one 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, but nevertheless will be evaluated for quality. A woodworking skills sheet is to be submitted with the exhibit for judging.

OR

- Exhibit a poster on any topic covered in the Level 4 manual.