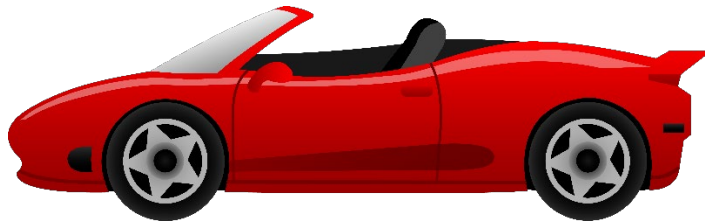
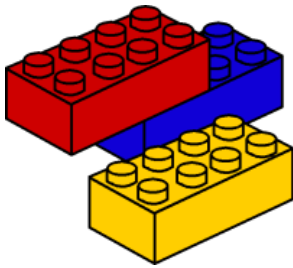


Mini 4-H Models



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JOHNSON COUNTY

Mini 4-H Helper's Page

Welcome to the Johnson County Mini 4-H program! Mini 4-H is designed for youth to explore a variety of project activity areas and to interact with caring adults and other children.

Children receive this project activity manual when enrolling in Mini 4-H. This manual and the manuals on various other topics will provide fun age appropriate learning activities throughout their year(s) in Mini 4-H.

As a Mini 4-H adult helper your job will be to guide and encourage each child through the activities. A wide range of activities are provided to allow you to choose the ones most appropriate for the children you are working with. It is highly suggested that you do not complete the activities for them. Instead help them, guide them, work with them, and let them do all that they possibly can. 4-H believes in allowing children to learn by doing. The Mini 4-H project activities are hands-on learning opportunities designed to provide a meaningful educational experience for youth.

Additionally, the Mini 4-H program is set up to allow children to display a project activity that is based upon information within this manual. Most children will choose to exhibit their project at the 4-H fair. The 4-H fair is an exciting week that allows community youth to showcase their enthusiasm for learning. Children may choose to display a project activity they did by themselves or one they did with a group.

Please help the child to bring their Mini 4-H project to the fairgrounds during the designated Mini 4-H judging time. Each exhibit will need a Mini 4-H exhibit tag and their Mini 4-H Project Record Sheet. Mini 4-H exhibits are non-competitive meaning they all receive a special Mini 4-H blue ribbon. Once the fair is over, be sure to pick up the project during 4-H Project Release.

Mini 4-H is fun! Children will certainly enjoy it. You can have fun too, by guiding and helping as children participate in the program. Encourage and praise the children as they have fun learning and sharing with you. If you have any questions regarding Mini 4-H or other 4-H programs, please feel free to contact Purdue Extension Johnson County at **317-736-3724**.

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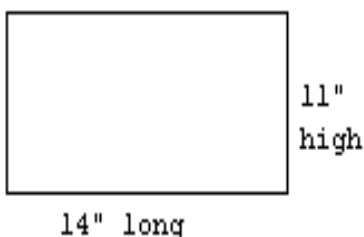
Mini 4-H Program Rules

The Mini 4-H program is designed to supplement and introduce kindergarten, first, and second graders to the Johnson County 4-H program.

RULES

1. Mini 4-H is open to any boy or girl who is enrolled in kindergarten, first, or second grade on January 1st of the current 4-H year.
2. Any Kindergartener may enroll in one (1) project.
Any first grader may enroll in one (1) or two (2) projects.
Any second grader may enroll in one (1) to four (4) projects.
3. Mini 4-H members are enrolled in the Mini Clovers 4-H Club, which is led by the Extension Educator & Volunteers. Meetings are not required, the project(s) will be done at home.
4. Mini 4-H projects include: Arts & Crafts, Bugs, Cookie Decorating, Collections, Flowers, Foods, Forestry, Horse & Pony, Livestock, Models, Sewing, Small Animals, and Wildlife.
5. Enrollment of Mini 4-H begins October 1st.
6. **ALL POSTER EXHIBITS MUST:**
 - A. Have a solid, stiff backing, which is 11" high by 14" wide.
This can be 1/4" plywood, HEAVY cardboard, foam board, or masonite.

Exception: Wildlife poster is 11"x 22".



- B. Be positioned **HORIZONTALLY**.
- C. Have a total exhibit board no larger than 11" high by 14" wide.
(Wildlife- 11"x 22")
- D. Be completely **COVERED BY A CLEAR PLASTIC** material.

Mini 4-H Models Project

Let's put it together with fun and a model kit. Many boys and girls like to decorate their rooms with things they have made themselves. Here are some things you will do in this project.

WHAT TO EXHIBIT: GRADE K

1. Make a model using only Legos.
2. Models must be no larger than 12" and dioramas cannot be exhibited.
3. Read and follow all instructions carefully.
4. Exhibit at the 4-H fair ONE model that you made.
5. Attach a name tag to your exhibit. You may use the tag printed at the bottom of page 8.
6. Attach the Models record sheet to your project and bring it to the fair.

WHAT TO EXHIBIT: GRADE 1

1. Choose a snap on modeling kit you would like to make. You can use Lego's if you want.
2. Models must be no larger than 12" and dioramas cannot be exhibited.
3. Read and follow all instructions carefully.
4. Exhibit at the 4-H fair ONE model that you made.
5. Attach a name tag to your exhibit. You may use the tag printed at the bottom of page 8.
6. Attach the Model Building record sheet to your project and bring it to the fair.

WHAT TO EXHIBIT: GRADE 2

1. Choose a model you have made from a kit. This may either be a snap together or one that requires glue.
2. Read and follow all instructions carefully.
3. Exhibit at the 4-H fair ONE model that you made.
4. Attach a name tag to your exhibit. You can use the name tag printed at the bottom of page 8.
5. Attach the Models record sheet to your project and bring it to the fair.

Mini 4-H'ers Page

Mini 4-H'ers have lots of fun! There are many activities for you to explore. You can try new things, which you can share with your family and friends.

Here are some things to know about 4-H:

The 4-H Symbol: A four leaf clover with a "H" on each leaf

The 4-H Colors: The 4-H colors are green and white. The four-leaf clover is green and the "H" in the leaf is white.

The 4-H Motto: "To make the best better."

4-H PLEDGE

I pledge my **HEAD** to clearer thinking,

I promise to use my head to make good choices.

My **HEART** to greater loyalty,

I promise to use my heart to be a good friend.

My **HANDS** to larger service,

I promise to use my hands to do helpful things for others.

And my **HEALTH** to better living,

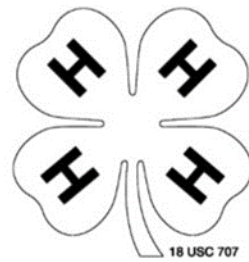
I promise to take care of my body and to show others to live in a healthy way.

For my club, my community,

I promise to help my group, my community,

My country, and my world.

my country, and my world be happy and safe for everyone.



Model Building

Model building can be fun and exciting. You can be creative; learn to follow instructions and make models you are proud to display and to show your family and friends.

A model is a small version of a real-life thing. Model building can become a hobby that will last your entire life. You may even build models when you have a grow-up job. Engineers and architects often build models as part of their jobs.

There are model kits for airplanes, boats, cars, trucks, and many others. Some are made from plastic, wood, or some other material. Any type of model is acceptable for your Mini 4-H project including Legos, keep in mind the cost and what you can do.

CHOOSING A MODEL KIT:

How much model building experience do you have? If it is your first model, you will want to start with something simple like a plastic car kit. Do not try something too hard for your age and experience. Select a kit you like and will enjoy building.

GETTING STARTED:

- Look over information pages with an adult.
- Read the directions carefully.
- Make sure you have all of the needed materials.
- Ask an adult or teenager to help you.
- Clean up your work area and put your supplies away when you are finished.
- Have fun!

LEGO MODELS:

- Carefully snap together a model of your choosing. It can be your own creation or a kit.
- Make sure it is no larger than 12" x 12".

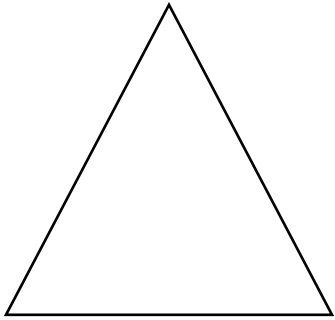
SNAP TOGETHER MODEL KIT (basic):

- Make sure the model is no larger than 12".
- Cover the table with newspaper or plastic and keep the area clean.

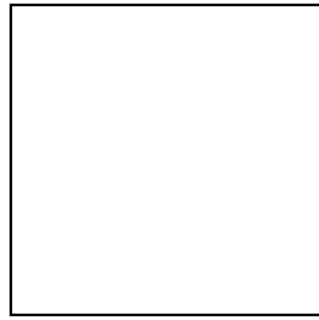
- Keep your hands clean.
- Lay all of your pieces out on the table. Look at the instructions and check to see if you have all of the parts.
- Read all of the directions to the end.
- Read directions again, and follow each step. Snap together your model.
- Clean up your work area and put all of your supplies away.

PRACTICING MODEL BUILDING:

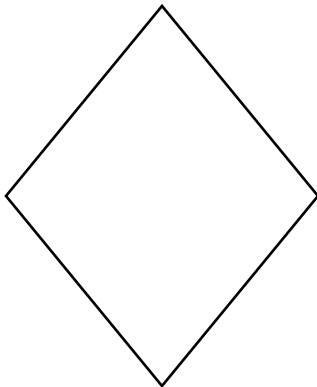
A great way to practice building a model is to use marshmallows and toothpicks to make 2D shapes.



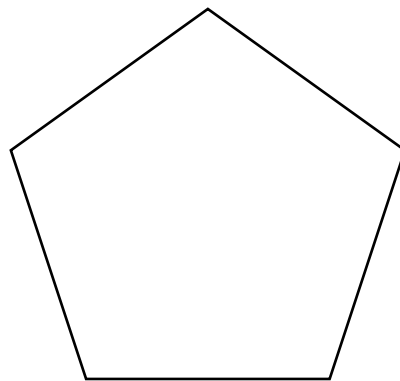
Triangle



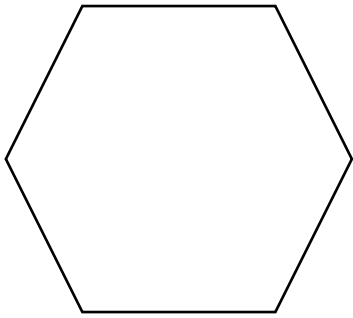
Square



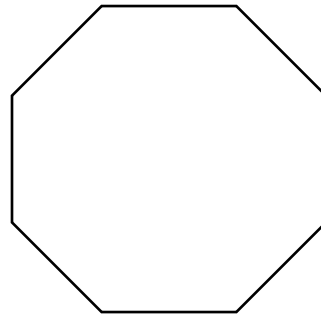
Rhombus



Pentagon



Hexagon



Octagon



Rectangle



Trapezoid

Try using marshmallows and pretzel sticks, play-dough and straws or gum drops and popsicle sticks. Can you make these 2D shapes into 3D shapes?

NAME _____
GRADE (as of January 1) _____
SCHOOL _____

RECORD SHEET

MINI 4-H MODELS

Name _____ Grade _____

School Attending _____

Please complete and bring with Mini 4-H Exhibit.

I choose to exhibit _____.

I liked making _____

_____.

I learned _____

_____.

My favorite part of Mini 4-H this year was _____

_____.

List who helped you with the project _____
