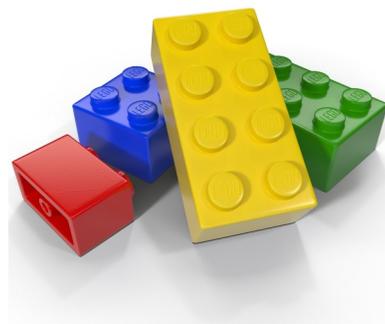
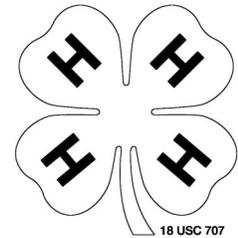


Boone County

Mini 4-H



Legos/Models

Mini 4-H Parent's Page

Welcome to Mini 4-H! Mini 4-H is designed for boys and girls who are in Kindergarten, 1st Grade, or 2nd Grade during the current 4H year. This year we have designed Mini 4-H to introduce 4-H to our young members.

As a parent, your job is to guide your child through the activities. It is suggested that you help them, guide them, work with them, and let them do all that they can rather than complete the project for them. Learning by doing is one of the best educational tools we can provide to our youth.

Mini 4-H is also set up to allow your child to exhibit a project at the 4H Fair. The project will be based on the information in this manual. Mini 4-H is noncompetitive and all participants will receive a ribbon for participation. This year as part of the check in process, our Boone County 4H Junior Leaders will be there and will act as "judges.." They will ask your child a couple of questions about their project and provide positive feedback. This process will help introduce the judging process that happens in 4H. The 4H Fair is an exciting time for 4H members and their families. It is a week that allows community youth to showcase their talents, interests, and enthusiasm for learning.

Mini 4-H is fun! Your child will certainly have fun. You can have fun too, by guiding and helping as your child participates in the program. Encourage and praise your child as he/she has fun learning and sharing with you.

Rules

1. Mini 4-H is for any boy or girl who is enrolled in Kindergarten, 1st Grade, or Second Grade on January 1 of the current 4H year.
2. Any Mini 4-H participant may enroll in (1) project. There are 6 projects to choose from.
3. Mini 4-H participants must enroll in the Boone County Mini 4-H club by January 15th and their projects are done at home.
4. The Record Sheet at the back of this book needs to be completed and will be turned in with their project at the fair.

Mini 4-Her's Page

Welcome to Mini 4-H! You are now a member of the 4-H family! You are a special person. Mini 4-Her's have a lot of fun! There are many activities to explore. You can try new things. You can share it with your family. Mom, Dad, or another adult can help you with your project. Bring your project to the 4-H Fair and lots of people will be able to see what you have done. You will also get a ribbon made just for Mini 4-Hers!

Here are a few things about 4-H:

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

4-H Colors: Green and 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.

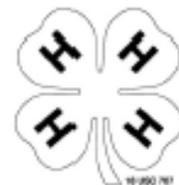
And my **HEALTH** to better living,

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



Lego/Models Exhibit

Model building can be fun and exciting. You can be creative, learn to follow directions, and make models you are proud to display.

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 grown-up job. Engineers and architects often build models as part of their jobs.

There is no right or wrong model. Models can be made from store kits or they can be made out of things found at home. You can use clay, paper, popsicle sticks, toothpicks, sugar cubes, Legos, blocks, or other items that can be glued or stuck together.

Before you get started:

- Look over information pages with an adult.
- Pick an activity.
- 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.
- Complete your Mini 4-H Book pages.
- Have fun!

Exhibit:

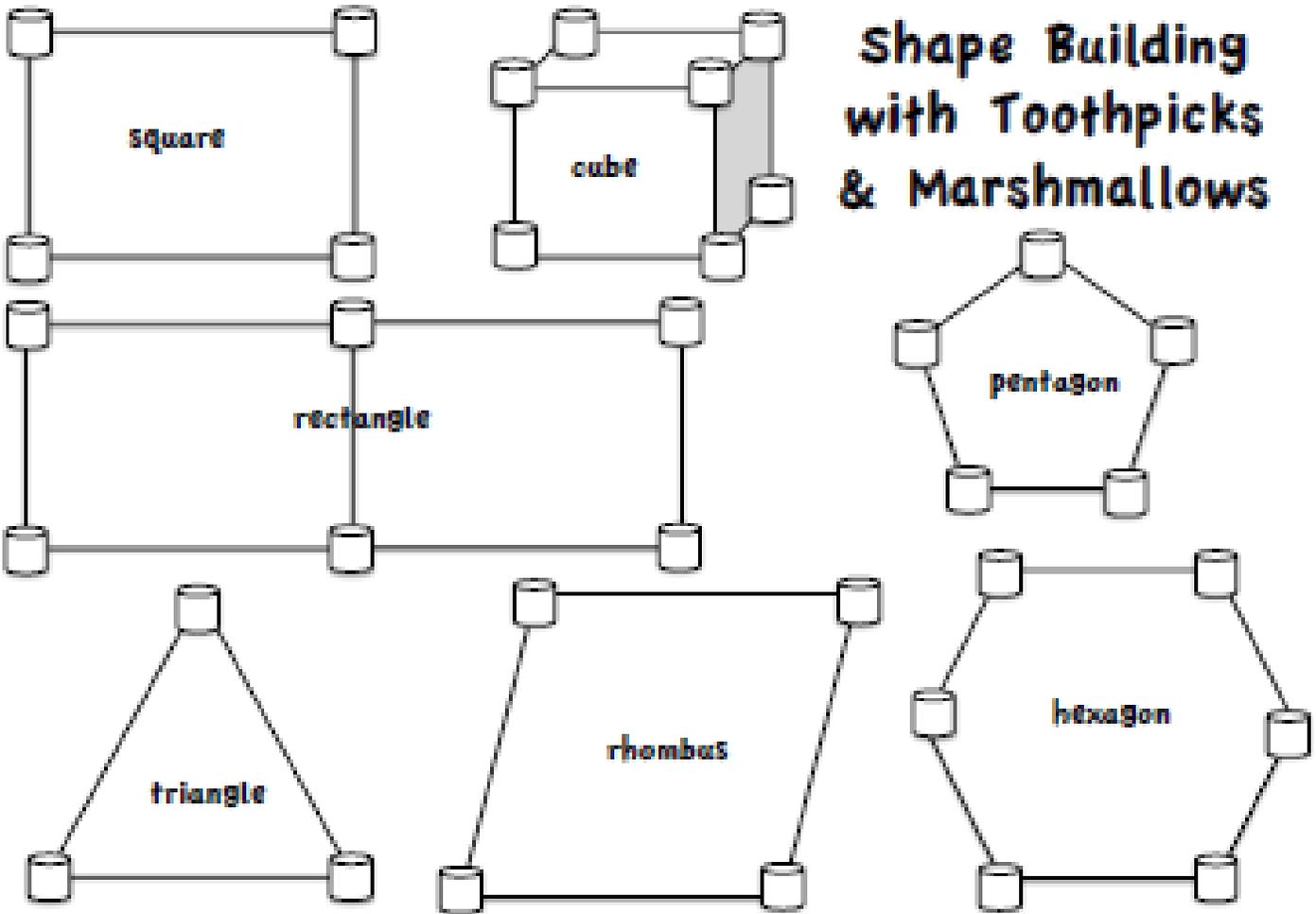
Lego Model

- Display a Lego model/creation of your choosing that is no larger than 12"X 12"
- Completed Record Sheet.

Make Your Own Model

- Display a model made from materials of your choosing or store bought (Be sure that the model is age appropriate) must be no larger than 12"x12"
- Completed Record Sheet

Shape Building with Toothpicks & Marshmallows



Challenge! If time allows, turn your rectangle into a rectangular prism!

Try building these shapes in 2D and then make them into 3D shapes.

- What other shapes can you make?
- Using these shapes, what can you make?

Now, let's try different materials. Other materials to try include:

Instead of marshmallows try:	Does it work as well?	Instead of toothpicks try?	Does it work as well?
Play-dough		Straws	
Gumdrops		Popsicle sticks	
Your choice of material		Your choice of material:	

Models

My Own Model

Materials Needed:

- Glue
- Scissors
- Construction Materials (Your Choice) (Paper, sugar cubes, clay, popsicle sticks, toothpicks etc.)
- Newspaper or Plastic Cover
- Table or Flat Surface

Directions:

Cover the table with newspaper or plastic and keep the area clean.

Keep your hands clean.

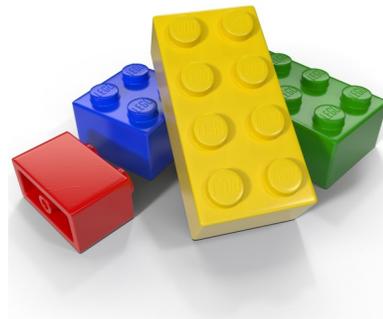
Make a model using 2 to 4 materials of your choice. The Model should be no larger than 12".

Clean up your work area and put all your supplies away.

Lego Model

Materials Needed:

- Legos or Lego kit
- 12" x 12" Lego base



Directions:

Make your Lego masterpiece or kit following the directions or your plan. Make sure to attach it to the base if needed.

Snap Together Model Kit (basic) .

There are many types of models. Do not spend too much money on your kit and make sure to choose a kit that is not too hard for your age or experience. You want to be able to enjoy building your model. Have an adult or teenager help you

Materials Needed:

- Snap Together Model Kit (Store Bought) **NO LARGER THAN 12"**
- Table or Flat Surface
- Newspaper or Plastic Cover

Directions:

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.



Boone County Mini 4-H Models Record Sheet



Please complete and bring with 4-H exhibit.

Name: _____ Grade: _____

I chose to exhibit _____

I liked making

I learned

My favorite part of Mini 4-H this year was

List who helped you with the project.

