

# 4-H Cloverbud Activity Record Book A 2018-2019



By Beth Rank, November 2014 and September 2017, except as noted.

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# Burnett County 4-H Cloverbud Project

The Burnett County 4-H Cloverbud Project is open to all youth in Kindergarten through 2nd grade. Youth in 3rd grade or higher are encouraged to join 4-H as a 4-H member. For more details contact the UW-Extension Office at 715-349-2151.

Cloverbud projects are designed for the member to explore and discover project areas. Safety is the primary concern of the 4-H Cloverbud Project Leaders. Please let the UW-Extension 4-H Youth & Family Development Educator, Beth Rank, know of any food allergies or special accommodations needed to ensure participation to the fullest extent.

This book contains activities that will be used throughout this 4-H year October 2014-September 2015. Each year a new book will be distributed by the UW-Extension Office to all registered 4-H Cloverbuds.

**Meeting Cancellation Policy:** If area schools are closed for a full day or close early due to weather, Cloverbud Project meetings scheduled for that evening are canceled. Meetings will still be held on days when the start of school is delayed due to weather.

**In order for Cloverbud project members to receive the Outstanding Cloverbud Award and achieve in 4-H, they must complete a minimum of seven (7) activity pages in this book; either at the monthly countywide Cloverbud meeting, at their club meeting, or at home.** Activities that will be completed at the monthly meeting are on white paper and have the month listed in the top left corner. Activities which are provided as "extras" are printed on blue paper towards the back of this book. Feel free to complete any of the activities.

## Burnett County Government Center Calendar

Date	Location and Time	Coordinator	Topic
Monday, October 9, 2017	Room 165 BCGC at 6pm	Maiya Fuller	Decorative Paper Pumpkins
Monday, November 13, 2017	Room 165 BCGC at 6pm	Beth Rank or guest	Beanbag Socks
Monday, December 11, 2017	Room 165 BCGC at 6pm	Grace Lahners	Chocolate Cake in Mug Mix
Monday, January 15, 2018	Room 165 BCGC at 6pm	Beth Rank or guest	Paper Bag Pet
Monday, February 12, 2018	Room 165 BCGC at 6pm	Amy Kopecky	Paper Strip Heart
Monday, March 12, 2018	Room 165 BCGC at 6pm	Alexis Slater	Painters' Tape Art
Monday, April 9, 2018	Room 165 BCGC at 6pm	Treague family	Let's Grow Vegetables
Monday, May 14, 2018	Room 165 BCGC at 6pm	Amy Kopecky	Kitchen Safety & Edible Color Wheel
Monday, June 11, 2018	Room 165 BCGC at 6pm	Madison Thiex & Jalyynn & Rylee Nelson	Better Bubbles
Monday, July 9, 2018	Camp Burnett on Lake 26, 10:00am-4pm	Camp Staff	Based on Summer Camp Theme
Monday, August 13, 2018	Room 165 BCGC at 6pm	Adin Treague	LEGO® Fun
Monday, September 10, 2018	Room 165 BCGC at 6pm	Maiya Fuller	Sink or Float?

**Have questions? Call Burnett County UW-Extension at 715-349-2151.**

The 4-H Cloverbud Project is a program of Burnett County 4-H Program which is coordinated through Burnett County UW-Extension. The 4-H Cloverbud Project, Burnett County 4-H, UW-Extension and their partners do not discriminate against anyone for reasons of race, color, gender/sex, gender identity, creed, disability, religion, national origin, ancestry, age, sexual orientation, pregnancy, marital or parental status, arrest or conviction record or veteran status.

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## Grantsburg Library Calendar

Date	Location and Time	Coordinator	Topic
Tuesday, October 10, 2017	Grantsburg Elementary School Library 6:00pm	Grace Lahners	Decorative Paper Pumpkins
Tuesday, November 14, 2017	Grantsburg Library 6:00pm	Beth Rank or guest	Beanbag Socks
Tuesday, December 12, 2017	Grantsburg Library 6:00pm	Beth Rank or guest	Chocolate Cake in a Mug Mix
Tuesday, January 16, 2018	Grantsburg Library 6:00pm	Kate & Helena Wagner	Paper Bag Pet
Tuesday, February 13, 2018	Grantsburg Library 6:00pm	Amy Kopecky	Paper Strip Heart
Tuesday, March 13, 2018	Grantsburg Library 6:00pm	Alexis Slater	Painters' Tape Art
Tuesday, April 10, 2018	Grantsburg Library 6:00pm	Treague family	Let's Grow Vegetables
Tuesday, May 15, 2018	Grantsburg Library 6:00pm	Amy Kopecky	Kitchen Safety & Edible Color Wheel
Tuesday, June 12, 2018	Grantsburg Library 6:00pm	Beth Rank or Intern	Better Bubbles
Tuesday, July 10, 2018	Camp Burnett on Lake 26, 10:00am-4:00pm	Camp Staff	Based on Summer Camp Theme
Tuesday, August 14, 2018	Grantsburg Library 6:00pm	Luke Lahners	LEGO® Fun
Tuesday, September 11, 2018	Grantsburg Library 6:00pm	Beth Rank or guest	Sink or Float?

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# Excerpt from Burnett County Fair Junior Division Entry Book 2016

## DEPARTMENT 17 CLOVERBUDS

### GRADES K-2ND

White 14x22 inch tag board should be used for posters. Cloverbuds' exhibits may not be shown by another exhibitor.

### **Class A - Cloverbuds, Grades K - 2**

Lot# All premiums \$1.50

- 1 A scrapbook showing activities of your club or youth group
- 2 A mounted photograph taken by the exhibitor
- 3 A home-made puzzle
- 4 A writing exhibit (poem or story)
- 5 One model (any kind, made from a kit)
- 6 A bird house you have made
- 7 Article you have sewn
- 8 A simple wood project
- 9 An item you have knitted
- 10 An item you have crocheted
- 11 Art exhibit
- 12 Craft exhibit
- 13 Recycled craft exhibit
- 14 Collection of 12 or more similar objects
- 15 Family poster
- 16 Homemade puppet
- 17 Kite you have made (not from a kit)
- 18 Any other Holiday item
- 19 Halloween item
- 20 Thanksgiving item
- 21 Christmas item
- 22 Easter item
- 23 LEGO® kit
- 24 LEGO® no kit - free hand
- 25 Card or Invitation
- 26 Crafty creation with explanation of why you made it and from what materials
- 27 Two labeled paper airplanes
- 28 Homemade musical instrument
- 29 Plate of three cookies
- 30 Plate of three brownies
- 31 Plate of three muffins
- 32 A loaf of bread you have baked
- 33 Cake from mix, unfrosted
- 34 Plate of 2 healthy, shelf-stable snacks
- 35 Poster showing 2 healthy snack options with explanation of why they are good choices
- 36 A poster showing parts of a plant
- 37 A poster showing the life cycle of a plant
- 38 Three different vegetables you have grown
- 39 A house plant you started this year
- 40 A collection of 5 pressed & dried wildflowers (each identified with the common name)
- 41 A collection of 5 pressed & dried leaves of trees (giving common name of each)
- 42 Three different kinds of fruit you have grown
- 43 Five ears of sweet corn you have grown
- 44 A forage exhibit you have grown
- 45 Cut flower (annual) three stems any kind
- 46 Cut flowers (perennial) any kind (three stems)
- 47 A poster showing the life cycle of an insect
- 48 A display on fishing, birds, wildlife or pets
- 49 A collection of five different insects
- 50 A poster about a dairy animal you have raised, managed, groomed & cared for
- 51 A poster about a beef animal you have raised, managed, groomed & cared for
- 52 A poster about a pig you have raised, managed, groomed & cared for
- 53 A poster about a cat you have raised & cared for
- 54 A poster showing parts of an animal
- 55 A poster about a poultry you have raised & cared for
- 56 A poster about a rabbit you have raised & cared for
- 57 A poster about a horse you have cared for
- 58 A poster about a sheep you have raised & cared for
- 59 A poster about a dog you have cared for
- 60 Poster of parts of an insect
- 61 Poster about a goat you have raised & cared for
- 62 Poster about a guinea pig you have raised & cared for
- 63 Homemade treat for an animal or bird with recipe
- 64 A poster showing exhibitors responsibilities at home
- 65 A poster showing personal health habits
- 66 A poster on safety
- 67 A poster of a science experiment
- 68 A poster showing results of a science experiment or paper airplane flight test
- 69 Homemade first aid kit
- 70 Homemade weather gauge
- 71 A poster of constellations with name, drawing, and two facts



## Camper Registration Form

Campers must be pre-registered. Send with attached entry form below.

**Camp site needed:**    YES    **NO**    **Camper or tent size** \_\_\_\_\_

Camping set-up for Central Burnett County Fair is

### ENTRY FORM

**SAMPLE FOR CLOVERBUDS**

Central Burnett County Fair

Webster, WI

**Junior Division**    Open Class    Senior Citizens

Exhibitor No. Office use only \_\_\_\_\_

(Circle Fair Division Entered)

Name Chris Clover    Junior Division Only: Parents Name Chris & Christine Clover

Address 123 4-H Lane    City Somewhere    St WI    Zip 55555

Phone (123) 456-7890    Email 4H4Life@yahoo.com

Club i.e./4-H, Scouts, Church Youth Group, etc. 4-H 4-Leaf Lucky Clovers

Grade Level as of Jan. 1, 2015 Kindergarten    Junior Division Only Age 5

Notice: All animals (except cats & dogs) must have a FARM PREMISE ID NUMBER listed \_\_\_\_\_

Number of Horses \_\_\_\_\_ Cattle \_\_\_\_\_ Goats \_\_\_\_\_ Pigs \_\_\_\_\_ Sheep \_\_\_\_\_

One entry per lot number! (You cannot enter 2 items under the same lot number)

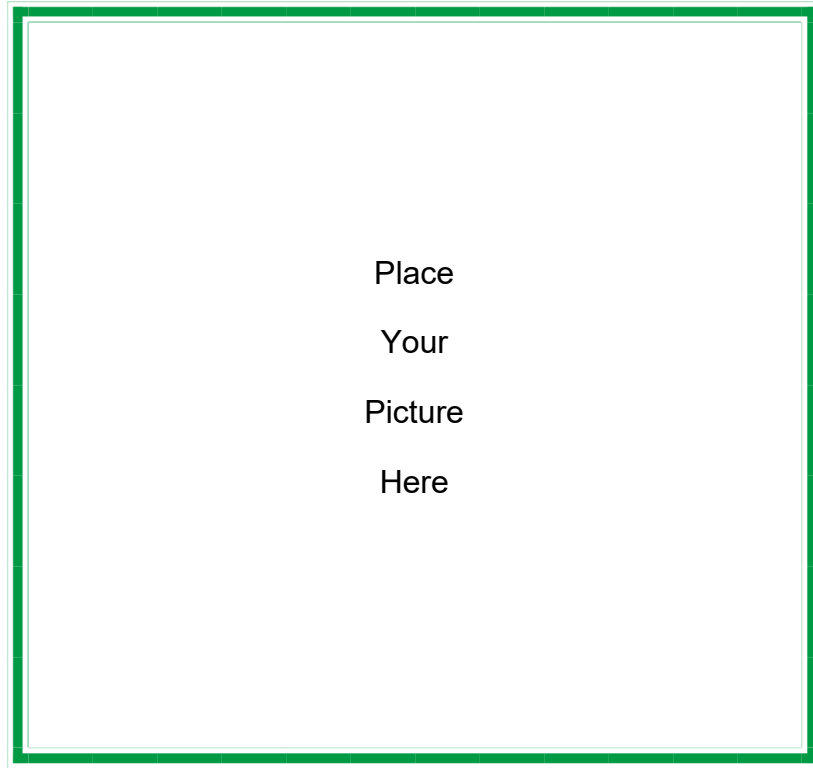
Dept.	Class	Lot#	Description (As listed in Fair Book)
Sample 18	A	3	Cartoons

The examples on the next page are based on the 2016 Burnett County Fair Exhibitor Book and the 2017-2018 Burnett County 4-H Cloverbud Activity/Record Book. Descriptions in black are from the 2017 Fair Book. Descriptions in (parenthesis), either green or blue font, are titles of the activities from the Activity/Record Book. This document serves as an example of how to complete a fair entry form and also to emphasize the number of entries a Cloverbud can chose to enter in the fairs.

Sample created by Beth Rank, Burnett County UW-Extension 4-H Youth & Family Development Educator May 9, 2016 and updated September 2017

<b>Dept.</b>	<b>Class</b>	<b>Lot #</b>	<b>Description (As listed in Fair Book)</b>	<b>Activity Title (in Cloverbud Book)</b>
17	A	20	Thanksgiving Item	Decorative Paper Pumpkins
17	A	13	Recycled Craft	Beanbag Socks
17	A	33	Cake from Mix Unfrosted	Chocolate Cake in Mug Mix
17	A	16	Homemade Puppet	Paper Bag Pet
17	A	18	Any Other Holiday Item	Paper Strip Heart
17	A	11	Art Exhibit	Painters' Tape Art
17	A	38	3 Different Vegetables You've Grown	Let's Grow Vegetables
17	A	66	Poster on Safety	Kitchen Safety/Edible Color Wheel
17	A	24	LEGO® No Kit	LEGO® Fun
17	A	68	Showing Results of a Science Experiment	Sink or Float?
17	A	67	Poster of a Science Experiment	Better Bubbles
17	A	41	Collection of 5 Pressed/Dried Leaves	All About Leaves
17	A	47	Poster Showing the Life Cycle of an Insect	Ant ANTatomy
17	A	48	A Display on Fishing, Birds, Wildlife, Pets	Create a Habitat
17	A	11	Art Exhibit	Sand Painting
17	A	35	Poster Showing 2 Healthy Snack Options with explanation	Graham Cracker Scram
17	A	69	Homemade First Aid Kit	First Aid
17	A	28	Homemade Musical Instrument	Let's Learn About Sound
17	A	71	A Poster of Constellations with Name, Drawing, and Two Facts	Make a Constellation
17	A	70	Homemade Weather Gauge	Measuring Rain

# A Little Bit About Me



Name: \_\_\_\_\_

Age: \_\_\_\_\_

Grade: \_\_\_\_\_

My family members: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

My favorite activities: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- The information in this Cloverbud Record Book is true and of my own work.

Member signature: \_\_\_\_\_



# My 4-H Club



My name: \_\_\_\_\_

4-H club name: \_\_\_\_\_

4-H club leader's name: \_\_\_\_\_

Phone number: \_\_\_\_\_

4-H club president's name: \_\_\_\_\_

Phone number: \_\_\_\_\_

4-H youth development agent's name: \_\_\_\_\_

Phone number: \_\_\_\_\_

The page features a decorative border composed of overlapping light blue circles and scattered stars in red, white, and blue. The stars vary in size and are positioned around the perimeter of the page.

## **Pledge of Allegiance**

(Place right hand over heart.)

I pledge allegiance to  
the Flag of the United  
States of America,  
and to the Republic for  
which it stands,  
one Nation under God,  
indivisible,  
with liberty and justice  
for all.

# 4-H Pledge

I pledge

my **HEART** to  
greater loyalty,



*(Right hand over heart)*

my **HEAD** to  
clearer thinking,



*(Right hand points  
to forehead)*

my **HANDS** to  
larger service,



*(Arms slightly bent,  
palms up)*

and my **HEALTH**  
to better living,



*(Arms at sides)*

for my **club**, my **community**, my **country**, and my **world**.



## 4-H Emblem



The official emblem is a four leaf clover with the letter "H" on each leaf which stands for head, heart, hands, and health. The colors of the emblem are green and white.

## 4-H Motto

The 4-H motto is "TO MAKE THE BEST BETTER." This motto challenges everyone involved in 4-H to do the very best job they can.

## 4-H Slogan

The 4-H Slogan is "LEARN BY DOING"



# 4-H Activities

May include pictures of Cloverbud at various 4-H activities.  
Use the optional photo section in the back of this book.

Planned

Accomplished

Club Activities	Demonstrations	<input type="checkbox"/>	<input type="checkbox"/>
	Talks	<input type="checkbox"/>	<input type="checkbox"/>
	Judging	<input type="checkbox"/>	<input type="checkbox"/>
	Recreation	<input type="checkbox"/>	<input type="checkbox"/>
	Club Music Performance	<input type="checkbox"/>	<input type="checkbox"/>
	Club Drama Performance	<input type="checkbox"/>	<input type="checkbox"/>
	Picnic	<input type="checkbox"/>	<input type="checkbox"/>
	Lead Reciting of Pledges	<input type="checkbox"/>	<input type="checkbox"/>
	Attend Cloverbud Project Meeting	<input type="checkbox"/>	<input type="checkbox"/>
	Other:	<input type="checkbox"/>	<input type="checkbox"/>
	Other:	<input type="checkbox"/>	<input type="checkbox"/>
	Other:	<input type="checkbox"/>	<input type="checkbox"/>
	Other:	<input type="checkbox"/>	<input type="checkbox"/>
	Other:	<input type="checkbox"/>	<input type="checkbox"/>
County Activities	Music Contest	<input type="checkbox"/>	<input type="checkbox"/>
	Cultural Arts Festival/Drama Contest	<input type="checkbox"/>	<input type="checkbox"/>
	4-H Promotion at June Dairy Breakfast	<input type="checkbox"/>	<input type="checkbox"/>
	4-H Promotion at June Dairy Days in Alpha	<input type="checkbox"/>	<input type="checkbox"/>
	County Trip	<input type="checkbox"/>	<input type="checkbox"/>
	County Fair	<input type="checkbox"/>	<input type="checkbox"/>
	Project Day(s)	<input type="checkbox"/>	<input type="checkbox"/>
	Cloverbud Day Camp	<input type="checkbox"/>	<input type="checkbox"/>
	4-H Promotions (4-H Week)	<input type="checkbox"/>	<input type="checkbox"/>
	Achievement Celebration	<input type="checkbox"/>	<input type="checkbox"/>
	Other:	<input type="checkbox"/>	<input type="checkbox"/>
	Other:	<input type="checkbox"/>	<input type="checkbox"/>
State Activities	State Fair Demonstrations	<input type="checkbox"/>	<input type="checkbox"/>
	State Fair Exhibitor with Your Club	<input type="checkbox"/>	<input type="checkbox"/>
	Other:	<input type="checkbox"/>	<input type="checkbox"/>
	Other:	<input type="checkbox"/>	<input type="checkbox"/>

# My 4-H Cloverbud Story

My name is \_\_\_\_\_.

This is my \_\_\_\_\_ year in Cloverbuds.

I have done activities like \_\_\_\_\_  
and \_\_\_\_\_.

I also went to \_\_\_\_\_ regular 4-H club meetings and  
\_\_\_\_\_ county-wide Cloverbud meetings.

This year, my favorite thing to do at 4-H was \_\_\_\_\_

I liked it because \_\_\_\_\_

My favorite project I showed at the fair was \_\_\_\_\_

When I was working on my project, the hardest thing was \_\_\_\_\_

I liked being a Cloverbud this year because \_\_\_\_\_

Parent /Guardian Comments:

Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# Decorative Paper Pumpkins

## Materials:






- paper pumpkin template
- card stock paper
- hot glue
- scissors
- Brown pipe cleaner



## 4-H Connection

The goal of the 4-H Cloverbuds program is for youth in grades 5K-2nd grade to experience different projects within 4-H. Through activity-based learning, that is learning that occurs around a singular, hands-on, fun activity, youth explore a new 4-H project area each month.

## Directions:

1. Cut out the pumpkin pattern from page 17. Choose a cardstock color that you think looks nice as a pumpkin. Experiment with a few different patterned cardstock designs and mix and match printed and solid colors. Trace 8 pumpkin shapes and 1 center piece. Fold each pumpkin shape in half.
 
2. For the center of the pumpkin find a stick the size and shape for the stem. In the picture the author curled wire (6") around a paint brush to add with the stem. Take the center piece of the pumpkin pattern and roll it (a pencil or paint brush may help). Make sure it's not too small. Now slide your stick (stem) and curly wire in center and hot glue in place.
 
3. With adult supervision or assistance, run hot glue down the folded edge of pumpkin shape, lining up the straight part of the pumpkin shape with bottom of the center piece. The bottom of the pumpkin should be flat, so each time you glue make sure it's lining up straight.
 
4. It is easier if the first 4 shapes are glued across from each other in an X pattern.
 
5. Now glue the other 4 shapes in between. And you made a paper pumpkin! You can add ribbon or twine to the stem.
 

# Decorative Paper Pumpkins

Now that you have seen the basic shape, it's easy to change the size and shape to make a paper pumpkin patch of different pumpkins! (Remember when you change the size, make the center fit also.)

Have fun and get creative, cut your pumpkin shape with decorative edge scissors or paint or draw on the eight pumpkin cutouts before assembling them into a pumpkin.

To make a paper pumpkin into a place card, punch a 2" decorative circle for each person's name, punch a small hole big enough to put ribbon or twine through and tie it onto the pumpkin.

What was your favorite part of making the pumpkin?

What did you do with the pumpkin once it was complete?

If you could make another pumpkin, what would you do differently?

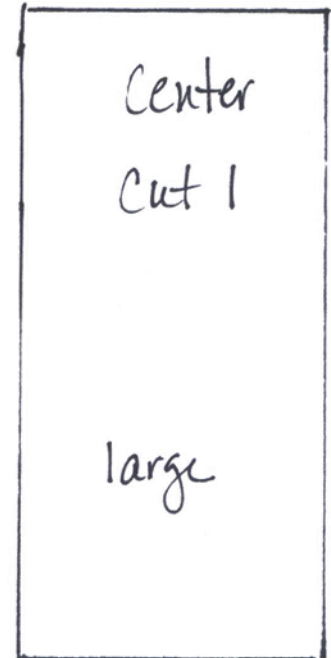
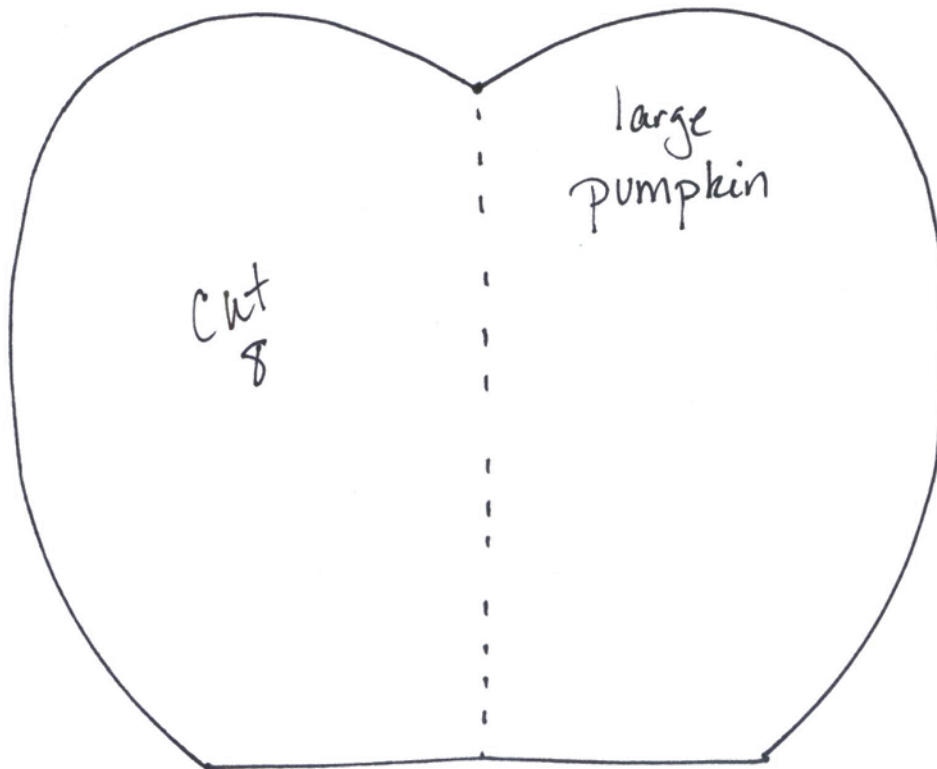
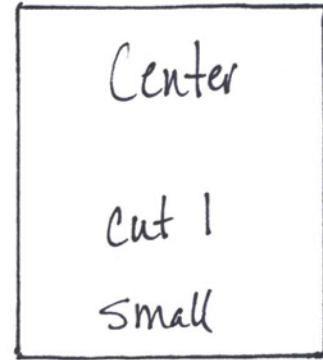
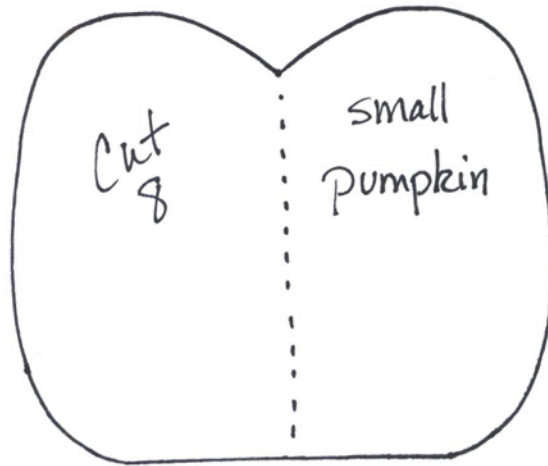
Draw a picture or attach a photo of you with your Decorative Paper Pumpkin.





# Decorative Paper Pumpkins

## Paper Pumpkin Pattern



Page intentionally left blank

# No-Sew Beanbag Socks

## Materials:

- Unmatched Sock
- Dried Beans
- Rubber Bands
- Markers

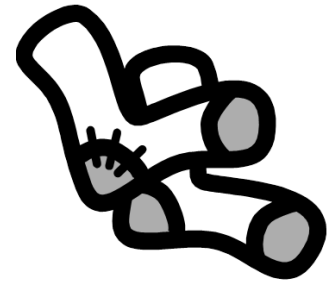
**NOTE:** Bird seed can be used in place of dried beans. If desired the sock can be sewn shut instead of using rubber bands. If using a sock with a design, it can be turned inside out and then filled with beans so when it is folded over the first rubber band the design is facing out.

## Instructions:

1. Collect the materials needed.
2. Fill a sock half full with dried beans.
3. Fasten a rubber band onto the sock tightly around the beans.
4. Fold the remaining sock over the rubber bands and beans and secure with another rubber band if needed.
5. Use markers or yarn to decorate the sock.

## 4-H Connection

One part of a successful 4-H program is recreation. Young people want to have fun and be active. This activity encourages them to do both. Once their beanbags are made they can create games to play with other, 4-Hers at a club meeting, or other gathering.



**Develop a fun game to play with your new beanbag sock!**

If you make more than one beanbag sock you could try to juggle them!

Draw a picture or attach a photo of you with your Bean Bag Socks.

# Beanbag Game Ideas



# Beanbag Sock Game

Do you play the game by yourself or with a friend?



How do you know when the game is over?

Does someone win? If so, how?

# 3-2-1 Molten Lava Cake Mix

## Materials:

- 1 box Angel Food Cake mix, single package kind
- 1 box Devil's Food Cake mix
- Chocolate squares (2 per mug) or mini chocolate candy bar
- Large bowl
- Whisk or large spoon
- 1 tablespoon measure
- Non-stick cooking spray
- 2 tablespoons water

## Instructions:

**NOTE:** There are many variations on the internet for 3-2-1 cakes. The name comes from the ratio of ingredients and the cooking time. Try experimenting with flavors by substituting the Devil's Food Cake mix with White Cake Mix, Lemon Cake Mix, Spice Cake, Red Velvet Cake Mix Carrot Cake Mix, etc.

1. Wash your hands.
2. Collect the materials.
3. Combine the Angel Food Cake mix with the Devils' Food Cake mix in large mixing bowl.
4. With the whisk or large spoon, mix the ingredients together thoroughly.
5. Store mix until ready to use or create small packages with 3 level tablespoons of mix per package with instructions below. If you give the mix as a gift, don't forget to include the directions below.

## 4-H Connection

Generosity is one of the four Essential Elements of Positive Youth Development. Encouraging youth to share generously can also teach them to value things that are given to them. It also develops the skill of empathy as they explore that someone else may enjoy a fun snack as much as they do.



### Directions for Molten Lava Cake

Combine 3 level tablespoons of the cake mixture into a microwave safe coffee mug that has been sprayed with non-stick cooking spray (or use a microwave safe disposable paper cup for easier cleanup!). Add 2 tablespoons of water, milk, or chocolate syrup. Stir well to combine. Push two chocolate squares into the center of the cake mix. Microwave for approximately 1 minute. Let cool for 1-2 minutes. Note: Each microwave cooks differently so start watching the cake at 45 seconds. It is done when the top of the cake looks dry.

Enjoy!

### Directions for Molten Lava Cake

Combine 3 level tablespoons of the cake mixture into a microwave safe coffee mug that has been sprayed with non-stick cooking spray (or use a microwave safe disposable paper cup for easier cleanup!). Add 2 tablespoons of water, milk, or chocolate syrup. Stir well to combine. Push two chocolate squares into the center of the cake mix. Microwave for approximately 1 minute. Let cool for 1-2 minutes. Note: Each microwave cooks differently so start watching the cake at 45 seconds. It is done when the top of the cake looks dry.

Enjoy!

### Reflection Questions:

What is one thing that you did to make sure the food is safe to eat?

What measuring spoon did you use today to create your delicious creation?

What would happen if you used a different size measuring spoon such as using a teaspoon instead of a tablespoon?

This cake mix can be packaged up and given as a gift, being generous is a major concept 4-H promotes. Can you list two people who might enjoy receiving a cake mix gift from you?

Include a picture or drawing of you making your Molten Lava Cake Mix and/or of you giving the mix to someone as a gift.

# Paper Bag Pet Parade

Having a pet can be very rewarding! In the United States, pet lovers take care of nearly 100 million dogs and cats. However, there are other animals that can be pets, too. Guinea pigs, hamsters, lizards, rabbits, birds, and fish also make great pets. Youth can be involved in deciding what kind of pet is best for their family and can help research possibilities. Even if youth don't have a pet at home, this activity will get them thinking about the qualities they would want in an animal companion and give them a paper bag animal friend. This lesson is also great for youth because after creating a paper bag pet, they are encouraged to verbally share about their paper bag pet. Youth can learn communication skills and confidence from this lesson. It's way more than gluing stuff to a bag!



## 4-H Connection

4-H exhibits at public events (like county fairs) are usually evaluated by a judge. Youth will need to be able to talk to others about what they learned and did in 4-H. Youth may be shy about speaking in front of a group or talking with someone they do not know, so it is important to provide opportunities to practice.

Look at the pictures of pets on the next page and describe what you notice about the animals' bodies. Next to each animal write two things that make each animal different from the others. Do they have fur? Are there scales on the animal? What kind of ears do they have? Does the pets have tails, feet, ears, fins? Now think about the different features of those animals and create your own paper bag pet.

## To make a Paper Bag Pet

### Materials:

- Brown paper lunch bags
- Scraps of colorful paper
- Fake feathers and other random craft supplies
- Crayons or colored pencils
- Yarn
- Googly eyes
- Scissors
- Glue (sticks, liquid, or hot)

### Instructions:

1. Select supplies to craft your paper bag pet. Try to include at least two of the animal parts you observed when looking at the animal pictures.
2. Glue supplies to paper bag.
3. Give your pet a name and describe him/her below.

What is your pet's name?

What kind of pet is he or she?

Take him on a walk (parade) to visit your friends and tell them about your new pet.





Insert pictures of your Paper Bag Pet here

# Paper Strip Heart

## Materials:

- 2- 1" wide strips of cardstock or thick paper 8" long\*
- 2- 1" wide strips of cardstock or thick paper 7" long\*
- 2- 1" wide strips of cardstock or thick paper 6" long\*
- Stapler
- optional: ribbon or cord to hang hearts to make a heart mobile

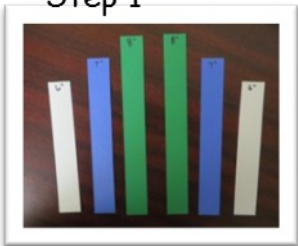
\* = paper can be a variety of prints and solid colors

## Directions:

### 4-H Connection

One of the four H's of 4-H is Heart. In the 4-H Pledge, we say "We pledge...our Hearts to greater loyalty..." meaning we will be kind, sympathetic and true. Heart can also stand for strong personal values, positive self-concept, concern for others, cooperation and communication.

### Step 1



1. Arrange strips of cardstock starting with the 8" strips in the middle then put the 7" strips around the 8" strips followed by the 6" strips on the outside.

### Step 2



2. Stack the pieces on top of one another. Make sure all the strips are lined up. Staple all six strips of paper together.

### Step 3



3. Bend the two 6" strips over the staple to form the first heart. Hold in place.

### Step 4



4. Bend the two 7" strips over the staple and around the first heart to form the second heart. Hold in place along with the 6" strips.

### Step 5



5. Bend the two 8" strips over the staple to form the third heart. Hold in place. Make sure all the strips are lined up. Staple all six strips of paper together.

Adapted from: <http://www.sugarbeecrafts.com/2012/01/paper-strip-hearts.html>

Photos by Beth Rank.

# Paper Strip Heart

Now that you know how to make a paper strip heart, try this craft with longer or wider strips of paper and use a variety of colors to achieve your desired paper strip heart designs. You could even make a heart mobile with a variety of colored hearts of different sizes.

What was your favorite part of making the paper strip heart?

What did you do with the paper strip heart once it was complete?

If you could make another paper strip heart, what would you do differently?

Draw a picture or attach a photo or write about what you did with your craft once it was completed.

# Painters' Tape Art (Tape Resist Painting)

## Materials:

- Blank canvas (canvas board or stretched canvas)
- Painters' tape
- Paint
- Paint brush
- Newspaper

## Instructions:

1. Cover the surface you will be working on with newspaper.
2. Tear or cut off strips of tape and press to the canvas in the pattern or shape you want. There will not be paint on the areas under the tape.
3. Make sure edges of tape are pressed firmly down.
4. Paint different colors inside the triangles you made with the tape OR paint a picture over the entire canvas, including the tape.
5. Rinse all the paint out of your paint brush.
6. Allow paint to dry.
7. Peel off the painters' tape.
8. Display and enjoy!

## 4-H Connection

The arts are for anyone! No matter your grade or interest, there is something for you to try and learn through a 4-H Arts project. Arts provide the creativity and outlet your soul needs to sing!



Image from <http://www.cbc.ca/parents/play/view/tape-resist-art>.

# Painters' Tape Art

What was your favorite part about making painters' tape art?

If you could do this activity again, what would you do differently?

How did you choose the colors you used?

Attach a photo or drawing of your painters' tape art piece.

# Let's Grow Vegetables!

Let's identify seeds using a handy seed chart.

Materials:

- White Paper Plate
- Ruler
- Glue
- Markers
- 8 Kinds of Seeds (Example: Bean, Pea, Spinach, Corn, Radish, and Cucumber)

Procedure:

1. Divide the paper plate so it looks like a pie with 8 pieces. First divide the plate in half by drawing a line in the middle of the plate, then cut your paper plate pie into fourths by turning your plate and adding another line to make a "+" shape on your plate. Do this two more times to make your plate have 8 pieces. Draw lines using a marker and a ruler.
2. In each segment, glue a seed, label it, and draw a picture of the vegetable.



It's now time to plant some seeds!

Materials:

- Seeds (leftover from the handy seed chart)
- Potting Soil
- Paper Egg Carton
- Water

Procedure:

1. Remove the lid from the egg carton and fill each section about  $\frac{3}{4}$  full with potting soil.
2. Place the seeds in the soil according to the package directions.
3. Place the egg carton on a tray to catch any extra water. Make sure your seeds are in a location of natural light.
4. Water the seeds regularly according to the directions on the seed packet.
5. Watch your garden grow! As the seedlings get larger, transplant them into your garden or larger pots by cutting the egg carton segments apart and planting the whole part in the ground.



## 4-H Connection

Health is one of the four H's that make up 4-H! It is healthy to eat vegetables. Health is also more than just eating food. Health stands for healthy lifestyles, character, ethics, stress management, and disease prevention.

Which seeds came up first? \_\_\_\_\_ Second? \_\_\_\_\_ Third? \_\_\_\_\_

Did all the seeds sprout into small plants? If not, tell why you think they didn't grow.

What vegetable grew the tallest?

Did you taste any of the vegetables that were produced from your garden? What did they taste like?

# Let's Grow Vegetables!

Do you want to grow a garden again? Tell why you do or do not want to grow a garden in the future.

Draw a picture or attach a photo of you with your garden.



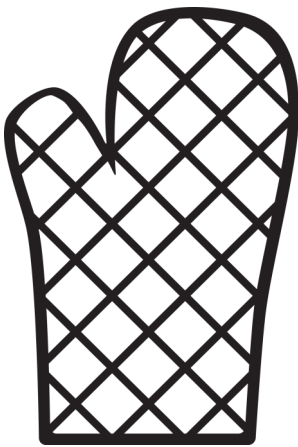
# Kitchen Safety

There are many things to talk about related to kitchen safety. Some major things we can do to be safe in the kitchen can be related to when we are cooking and even when we are not cooking. Draw a line to connect the short list of kitchen rules with the correct picture.



## Kitchen Rules

- \* Use oven mitts or pot holders when inserting or removing items from the oven or microwave
- \* Wear shoes when working with hot or sharp items in the kitchen
- \* Wipe down counters to prevent cross-contamination
- \* Tie up long hair to avoid it getting in the food
- \* Wash your hands thoroughly before touching food and after touching raw meat, fish, or poultry
- \* Do not run in the kitchen; especially if someone is cutting food or cooking/baking food



This project could be made in to a Safety Poster and entered in the County Fairs under Department 17 Class A Lot 66 A Poster on Safety.

# Edible Color Wheel



The color wheel is a representation of the structure and properties of color. A basic color wheel includes primary (red, blue and yellow) and secondary (green, orange and purple) colors. In this activity we are going to experiment with creating colors with frosting on graham crackers!

## Materials/Ingredients:

- 3 tablespoons white frosting per person
- Mixing bowls
- Red, blue and yellow food coloring
- 1 paper plate per person
- 6 small rectangles of graham crackers per person
- 1 square of graham cracker per person
- Spoons
- 4 craft sticks per person
- Paper towels, hand wipes or access to a sink for handwashing and cleanup

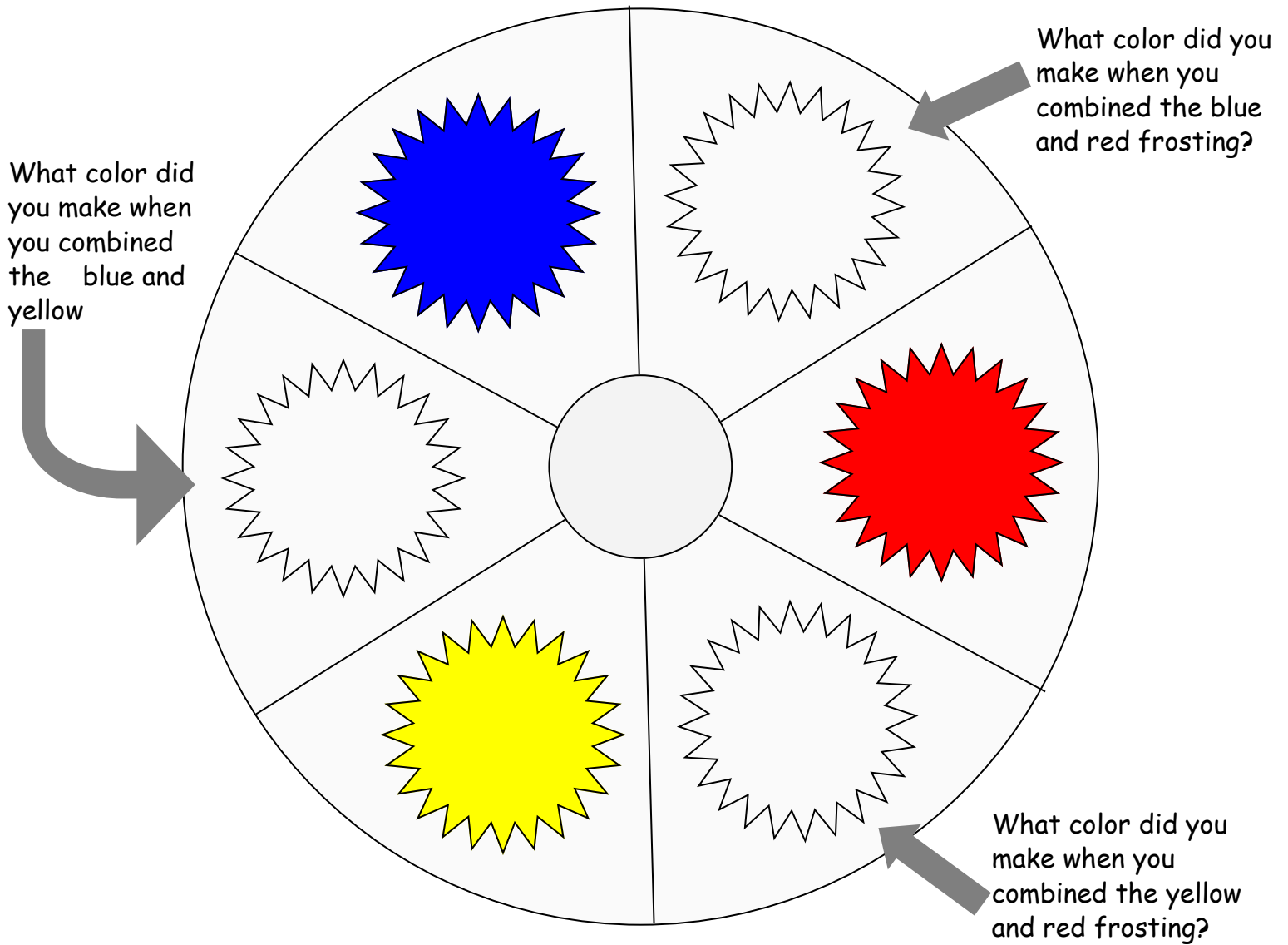
## Instructions:

1. We just learned on page 32 in our book that we should always wash our hands before preparing food.
2. Wait until the end of the lesson to eat any of the ingredients.
3. Put 1 tablespoon of white frosting into each of three separate bowls.
4. Add one drop of food coloring to each bowl so you have one yellow, one red, and one blue bowl of frosting.
5. On a paper plate lay out six graham crackers in a wagon wheel pattern so there is an empty space in the center.
6. Using one craft stick, spread a small amount of yellow frosting on one of the graham crackers.
7. Skip over one graham cracker and spread a small amount of blue frosting on the next graham cracker.
8. Skip over one graham cracker and spread a small amount of red frosting on the next graham cracker.
9. You should now have one empty graham cracker in between the primary colored graham crackers.

## 4-H Connection

4-H projects can be explored independently or through guided programming from an adult or youth volunteer. Burnett County 4-H Cloverbuds Project is coordinated by many volunteers. Just like the different colors of the wheel, everyone's strengths are different. We thank everyone for their uniqueness.

10. Spread a small amount of yellow frosting on the graham cracker between the yellow and blue graham cracker. Add the same amount of blue frosting to that same graham cracker. Flip the blue frosting craft stick over and mix the two colors together. Record what color you made on the next page.
11. Spread a small amount of blue frosting on the graham cracker between the blue and red graham cracker. Add the same amount of red frosting to that same graham cracker. Flip the red frosting craft stick over and mix the two colors together. Record what color you made on the next page.
12. Spread a small amount of red frosting on the graham cracker between the red and yellow graham cracker. Add the same amount of yellow frosting to that same graham cracker. Flip the yellow frosting craft stick over and mix the two colors together. Record what color you made on the next page.



### Reflection Questions:

Of the three secondary colors, which one do you like best? Why?

What would happen if you used more blue than yellow frosting instead of using the same amounts of each?

What would happen if you added more white frosting to any of the colors?

What would happen if you mixed all the colored frostings together?

Insert pictures of your Edible Color Wheel here.

# Better Bubbles

Bubbles are simply air trapped inside a liquid. The surface of a liquid, like water, has a "surface tension" which makes the surface behave like a stretchy, rubber sheet.



Soap allows the surface of water to stretch more and keeps bubbles from breaking. Adding glycerin to water prevents bubbles from drying out quickly.

You can vary the ingredients to change the characteristics of bubbles. More soap allows for bigger bubbles. Glycerin makes stronger, longer-lasting bubbles. Which solution will you prefer? Do you like big bubbles or strong bubbles?

## Materials for Bubble Solution #1:

4 cups water  
1/3 cup dish soap (Dawn Pro recommended)  
2 1/2 teaspoons glycerin\*

## Materials for Bubble Solution #2:

4 cups water  
1/4 cup dish soap (Dawn Pro recommended)  
1/2 cup glycerin\*

## Procedure:

1. Basic bubbles solutions are made of three different ingredients—water, soap, and glycerin. Dip a finger in the soap and the glycerin.
2. In a large pan, labeled "Bubble Solution #1," combine the three ingredients above.
3. In a second large pan, labeled "Bubble Solution #2," combine the three ingredients above.
4. Let the solutions rest for 24 hours as the solutions improve with age.
5. Dip a finger in each of the bubble solutions. Did you notice any differences in texture?
6. Let's do an experiment to test each bubble solution to see if adding more or less glycerin and more or less soap makes bigger and stronger bubbles.
7. Solution #1 has more soap while Solution #2 has more glycerin.
8. Go outside and blow bubbles using Solution #1 then Solution #2.
9. Record results from each solution on the next page.

\* Glycerin is a natural by-product in soap and is used as a moisturizer in personal care products. You can find 100% glycerin in most pharmacies or supermarkets. Karo Syrup can be substituted but leaves surfaces slightly sticky.

## 4-H Connection

The way club meetings are structured depends largely on the size of the group and the age of the members. However, all meetings should have 3 common "ingredients" — business, education, and recreation.

Whether children participate in the full meeting or just for a part of it, it is important that they begin to know what to expect at club meetings and how they can be involved. Talk about how they can make decisions about what to do in the club (business), learn new things (education), and make friends and have fun (recreation).

**EXTRA FUN:**

Just as you experimented with different bubble solutions, you can make your own bubble wands using craft wire, string, straws, or plastic hoops. You can experiment to see which one works best for each bubble solution.

Better Bubbles Experiment	Bubble Solution #1	Bubble Solution #2
Count how many seconds it takes between blowing a bubble and the time it pops.		
Estimate how big is the biggest bubble you can blow with each solution.		
Which bubble solution do you prefer?		

Reflection Questions:

Did it make a difference if you blew gently or harder?

Was there a difference between the two solutions?

Which one worked better?

What other tests or experiments might you try to make a better bubble?

Include a drawing or picture of you blowing bubbles.



# LEGO® Fun!

"In 1949, Danish carpenter Ole Christiansen created a set of interlocking red and white blocks, the first of what would go on to become LEGO®. It wasn't until 1958 that the LEGO® Company (its name derived from the Danish words for 'play well') patented the small bricks. The genius was in the simplicity of the unassuming blocks, which allowed children to create freely without limits and in nearly endless combinations. [Six blocks can be combined in almost a billion different ways!]" - Allie Townsend, Time Magazine, 2011.

More than 400 billion LEGO® building blocks have been produced since 1949, which means there are 62 LEGO® building blocks for every person on Earth. "What will you do with your 62 blocks?"

Here are a few ideas:

- Create a car. It can be as simple or fancy as you want. Did the design come to you as you were building or did you know what you wanted from the very start?
- Create a maze. Make a confusing set of pathways of our LEGO® building blocks and then use a mini figure to find its way through the maze.
- Create your favorite Olympic moment or sport out of LEGO® building blocks.
- Create a mixed media object. Mix your LEGO® building blocks with any of the following items and see what you can come up with. Here are some items to get your creative juices flowing: beads, cardboard, fabric, glue, marbles, plastic, rocks, ice, gems, paper, or wire. Now add some ideas of your own.
- Create a shadow. Build something that you think will create a great shadow. Now take your creation to a sunny spot, inside or outside on a sunny day. Look at the shadow it casts. Move it around until it makes a shadow you like best. Look at the shadow on the ground compared to the texture of a trunk of a tree. Take a photo or draw a picture of the shadow only.
- Create a creature. A creature is a living organism. It can be a bug, a bird, an animal, a plant, or even something out-of-this-world. Then tell your friends about its habitat... where it lives, what it eats, etc.
- Create a tool then tell others what the tool is and what it will be used for.
- Create the tallest tower. This structure must be able to stand alone without anyone supporting it. Measure it and share how tall it is.
- Create a flag. Tell about why you chose this flag, what the colors mean, and where it flies.
- Create something specific to one of the four seasons (fall, winter, spring, or summer). Example: a flower to represent spring, snowball for winter, etc.

## 4-H Connection

4-H builds a better community; 4-Hers connect (like LEGO® Building Blocks) with different people and make a change. Community Service is a big part of building the community so it is something that all 4-H clubs aim to include during each 4-H year.

No endorsement is intended for specific products nor is criticism meant for products not mentioned.

Resource adapted by Beth Rank from materials originally created by Janine Yeske, 4-H Youth Development Educator, Jefferson County (OSU Extension)



# LEGO® Fun!

Draw a picture, attach a photo or tell a story about your favorite creation (see ideas on the previous page.)



# Sink or Float?

Does it float? Try different objects and record if they sink or float.

**Materials:**

- Sponge
- Paper clip
- Toothpick
- Marble
- Plastic spoon
- Penny
- Plastic straw
- Crayon
- Plastic dishpan or bucket, filled with water
- Towels
- Pencil



**4-H Connection**

One of the four H's is Head. According to the 4-H Pledge, we use our "...Head for clearer thinking..." We use our heads to guess what items will sink or float in this experiment and then science proves us either right or wrong.

**Procedure:**

1. On the chart below, make predictions of which objects you think will sink and which will float.
2. Time for testing!
  - A. Fill a shallow container with a few inches of water.
  - B. Place each object in the container one at a time.
  - C. Record whether the object floats or sinks.

Circle what you think will happen.		Items	Circle what actually happened.	
Sink	Float	Sponge	Sink	Float
Sink	Float	Paper Clip	Sink	Float
Sink	Float	Toothpick	Sink	Float
Sink	Float	Marble	Sink	Float
Sink	Float	Plastic Spoon	Sink	Float
Sink	Float	Penny	Sink	Float
Sink	Float	Plastic Straw	Sink	Float
Sink	Float	Crayon	Sink	Float

# Sink or Float?

Reflection Questions:

Which items did you guess correctly?

Why do you think some items sink and some float?

To learn more about why things sink or float go to: <https://www.youtube.com/> and search **Sesame Street Science: Sink or Float? - The Lemon Conclusion.**

Draw a picture or attach a photo of your experiment of what sinks and what floats.

# Attention!

This Cloverbud Record Book may be **DUE** to your 4-H Club Leader before the September countywide Cloverbud meetings. Contact your club leader for more information about the due date.

Copies of the "Sink or Float" activity will be available at the September countywide Cloverbud meetings for those who have already turned in their record book.



# All About Leaves

Let's collect, identify and preserve leaves!

Materials:

- Roll of Wax Paper
- Fall Leaves
- Plain, Scrap Paper
- Clothes Iron
- Ironing Board
- Old T-shirt
- 9 x 12" Construction Paper
- Stapler or glue
- Marker for Labeling Leaves
- Tree Field Guide

Procedure:

1. Take a nature walk and collect some fall leaves.
2. Using a tree field guide identify each leaf (see next page.)
3. Lay leaves flat by layering them between plain paper. Repeat layers until all leaves are placed. Make a paper-and-leaf sandwich and place a heavy book on top. After a couple of days carefully remove the pressed leaves. Use a clothes iron to smooth the leaves out if you don't want to wait!
4. Cut two pieces of waxed paper 1 foot long. Lay out the pressed leaves on one piece of the waxed paper in any pattern, but make sure to leave a 1 inch border on the long sides and a 2 inch border at each end.
5. Have an adult help you with ironing your design.
  - A. Fabric is needed between the wax paper and the iron. Place a piece of soft, thin cotton cloth on the ironing board. (An old T-shirt works well)
  - B. Place your wax paper with your leaf design on top of the cloth.
  - C. Place the second piece of wax paper on top of your leaf design.
  - D. Place a second piece of cloth on top of that.
6. Set the iron to a medium setting. When the iron is heated, press it firmly onto the cloth where one corner of the wax paper is located. Slowly pull the iron across the cloth over the wax paper while maintaining firm pressure. It will only need a second or two for the wax to adhere. Repeat until the entire assembly has been ironed.
7. Use the construction paper to make a border around your waxed paper and adhere it using a stapler or glue.
8. Have an adult help hang your artwork in a window!

## 4-H Connection

Fall leaves present an opportunity for us to stop and take a look around at how our world can change so quickly. Leaves can be green one day and then they change colors and float to the ground the next. In 4-H, it is important to also to stop and take a look around. Look at what older 4-Hers are doing so younger 4-Hers have something to aspire to.















# All About Leaves

## Leaf Identification Guide

Circle the leaves you have found around your house, school, neighborhood, or on a nature hike.

				
Maple	Oak	Birch	Ash	Poplar
				
Black Walnut	Hickory	Sycamore	Basswood	Cottonwood

These are just a few types of leaves, please use a Tree Identification Guide from a bookstore or library for more information.

# All About Leaves

Draw a picture or attach a photo of your waxed paper leaf craft or of you on a nature walk in the woods.

# Create-a-Critter

## Make up a brand new critter!

### Materials:

- Straws
- Toothpicks
- Cotton balls
- Paper
- Paper plates
- Modeling clay
- Crayons
- Leaves

- Sticks
- Bottle caps
- Buttons
- Any other items you might have

### Procedure:

Construct your critter by using some of the materials listed, and then draw a picture of your creation. Decide the details by completing the sentences below.

### 4-H Connection

“To Make the Best Better” — The 4-H motto encourages each member to do his or her best and improve the next time, so their “best” becomes “better.” Members stretch their abilities and capacities to reach their full potential. Encourage your 4-Her to create more than one critter and see if his/her ability to create changes over time.

My critter's name is \_\_\_\_\_.

It lives in the \_\_\_\_\_.

It eats \_\_\_\_\_.

It moves by \_\_\_\_\_.

Draw a picture or attach a photo of you and your critter creation.



It



# Ant ANTatomy

Create your own ANT!

Ants are a type of insect that have six legs, two antennae and three body sections. The three body sections are the head, thorax and abdomen.

Ants live in colonies made up of queens, males and workers. They are amazing creatures that come in different colors, with black being the most common. Ants can carry up to 27 times their body weight!

What color ants have you seen before? \_\_\_\_\_

How many antennae do ants have? \_\_\_\_\_

Can you name the three body sections of an ant? \_\_\_\_\_

How many legs do ants have? \_\_\_\_\_

## Time to make your ant!

### Materials:

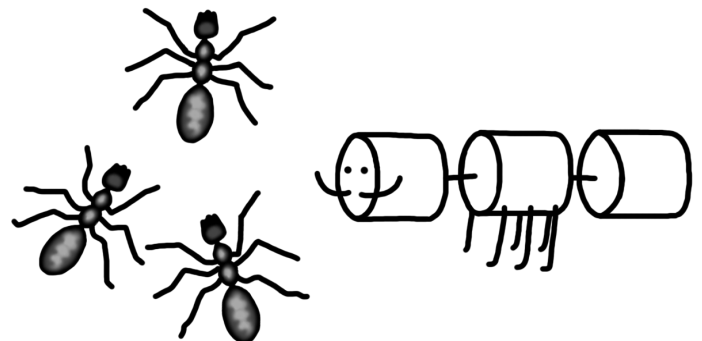
- Three large marshmallows
- 4 large pipe cleaners cut in half
- 2 toothpicks
- Scissors
- Markers

### Procedure:

1. Use the three large marshmallows as the body sections and connect them using toothpicks.
2. Cut 4 large pipe cleaners in half to make 8 small pipe cleaners. Use 6 for the legs and insert 2 for the antennae.
3. Decorate your ant using markers.

### 4-H Connection

Much like ants (who have three main body parts) a good 4-H club meeting should have a balance of three main parts: education, business, and recreation. Members should leave a meeting knowing what business they discussed, learned something, and had fun!





# Ant ANTatomy

Draw a picture or attach a photo of you and your ant creation.

# Create a Habitat

Choose an animal and create its habitat!



For this activity, choose any animal and look up its habitat. An animal's habitat is the area in which it lives. For example, your habitat is your house because it is where you live.

You can make your habitat out of anything you would like. A few suggestions are: shoebox, construction paper, glue, markers, grass and twigs.

**4-H Connection**

Wildlife WHEP Wisconsin 4-H & Wisconsin 4-H Forestry offers hands-on learning activities, art contest, and wildlife/forestry contests. These educational opportunities are open to youth in grades 3-13, so it's something to look forward to. For more information:

<https://fyi.uwex.edu/whepwi4h/>

My animal is a \_\_\_\_\_.

It lives \_\_\_\_\_.

\_\_\_\_\_.

It eats \_\_\_\_\_.

Draw a picture or attach a photo of you and the habitat you researched and recreated.

# Sand Painting

Let's create a picture using sand!

## Materials:

- Dry sand (in paper cups)
- Pencil
- Crayons
- White glue
- Paper or cardboard
- Newspapers



## Procedure:

1. Use a pencil to draw a picture design lightly on paper.
2. Apply a bead of glue to the pencil lines.
3. Sprinkle sand gently over the wet glue.
4. Tilt the paper so the extra sand falls off the paper onto the newspaper.
5. Let dry.
6. Use crayons to add details or color to the sand painting.

Draw a picture or attach a photo of you and your sand painting.

## 4-H Connection

Arts & Crafts is a national 4-H project. It features curriculum that will guide you through the project. For a copy contact your County 4-H Office . For more internet resources explore: <https://fyi.uwex.edu/wi4hprojects/arts-communication/arts-crafts/>

Note: Colored sand can be used, if available.

# Graham Cracker Scram

Let's make a delicious and nutritious snack!

**Ingredients:**

- Graham crackers
- Peanut butter
- Bananas, sliced
- Milk



**Equipment:**

- Plastic knife
- Paper plates
- Cups for milk
- Napkins



**4-H Connection**

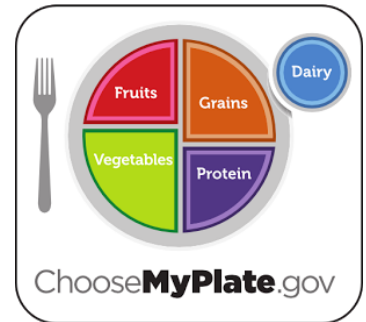
Foods & Nutrition is a national 4-H project within the category of Family, Home, and Health. This project area includes cooking, baking, and food preservation.

**Procedure:**

1. Before making the snack, make sure to wash your hands with soap and warm water.
2. Use the plastic knife to slice the bananas.
3. Take a half of a graham cracker and spread peanut butter on it. Put the slices of banana on top of the peanut butter. Add the other half of the graham cracker to the top and enjoy with a glass of milk.

This snack includes many food groups. Can you draw a line to the correct food group each ingredient belongs in?

Graham crackers	Dairy
Peanut butter	Fruits
Banana	Protein
Milk	Grains



This snack is made with everyday foods that are healthy for us, like peanut butter and fruit. Can you think of any other everyday foods you could use to make a similar snack with at least three food groups?

# First Aid

Examine the items you find in a first aid kit, and write what they are used for.



**Bandages**

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**Sterile Gauze**

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**Adhesive Tape**

---

---



**Antiseptic Wipes**

---

---



**Antibiotic Ointment**

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**Sterile Gloves**

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## Now, let's make a first aid kit!

Ask an adult to help gather the materials listed above. Find an old coffee can, plastic zip-lock bag, old lunch box, plastic container or anything that can help hold your first aid supplies. Keep your first aid kit in a safe place you can easily get to.

### 4-H Connection

Health is a national 4-H project within the category of Family, Home and Health. This project area focuses on first-aid skills, lifesaving skill development, hygiene, nutrition and physical activities.

# First Aid

Draw a picture or attach a photo of you and your first aid kit.

# Let's Learn About Sound!

Sound is a vibration moving through air, water, or some other material. Our ear collects these vibrations and turns them into a signal which is sent to our brain.

## Let's Make Some Noise! Build a Kazoo

### Materials:

- Toilet Paper Tube
- Waxed Paper
- Rubber Band
- Crayons
- Scissors



### Procedure:

1. Cut a 2 1/2" square of waxed paper to cover the toilet paper tube.
2. Secure the waxed paper to the end of the toilet paper tube using a rubber band.
3. Decorate your kazoo using crayons.
4. Practice humming without your kazoo.
5. Now try to hum using your kazoo. Put your lips against the wax paper and hum.

### 4-H Connection

4-H provides a safe space for youth to master skills and develop their natural curiosity. Encouraging a child to take a project or activity one step beyond the directions, with the aid of a caring adult, allows the young person to try something new and explore the previously unknown.

Does your humming noise sound different when you use a kazoo? \_\_\_\_\_

What is vibrating on your kazoo? \_\_\_\_\_

Do you think that changing the length of the kazoo will change the sound? \_\_\_\_\_. Try it!

Draw a picture or attach a photo of you and your kazoo.

# Make a Constellation

Constellations are pictures made up of stars. They were often named after items people were familiar with like animals or mythical people.

## Constructing a Constellation

### Materials:

- 8  $\frac{1}{2}$ " x 11" White Paper
- 8  $\frac{1}{2}$ " x 11" Black Construction Paper
- Pencil
- Metal Pin
- Stars Cutouts
- Scissors
- Glue
- White Crayon



### Procedure:

1. Draw a picture of your constellation on the white paper. You may draw a constellation from one listed on the next page or create your own.
2. Line up your white and black papers. Using the metal pin, poke a hole through every point of your design.
3. Cut out stars and glue one on every pin hole on the black construction paper.
4. Connect the stars using a white crayon.

### 4-H Connection

If you enjoy learning about outer space and travel beyond Earth learn more about the 4-H Space Camp which is available for youth in grades 6-8. Campers travel to Huntsville, Alabama to the NASA Center to participate in the Pathfinder Program. For more information: <https://fyi.uwex.edu/wi4hedopp/space-camp/>.

Draw a picture or attach a photo of you and your constellation.

Star cutout pattern:

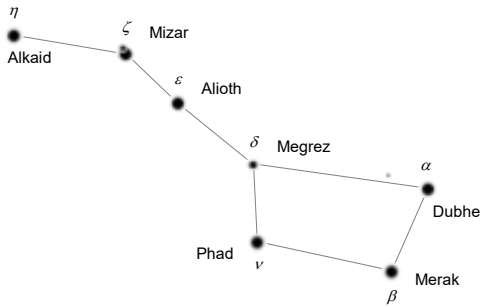




# Make a Constellation

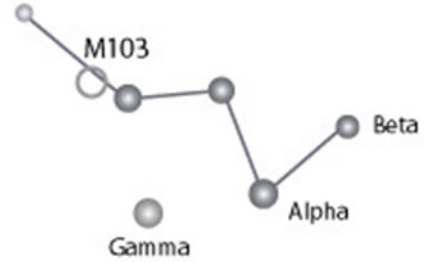
## Examples of Constellations

ALL YEAR



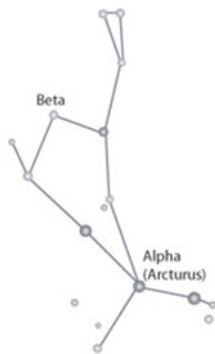
**Big Dipper**

Did you know? The Big Dipper is not a constellation! It is a group of stars called an *asterism* that is part of the constellation Ursa Major, or Big Bear.



**Cassiopeia**

WINTER

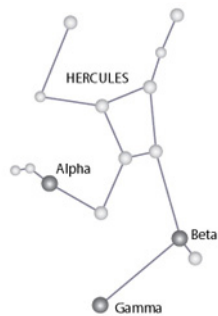


**Boötes**

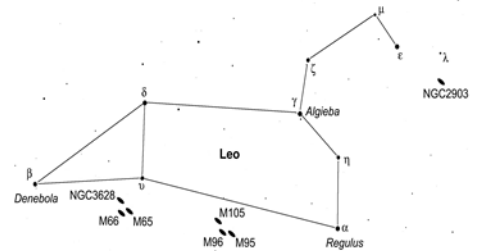


**Taurus**

SUMMER



**Hercules**



**Leo**

# Measuring Rain

Rain is a type of precipitation that is often measured using a rain gauge. Let's make a rain gauge!

## Materials:

- Glass Jar
- Permanent Marker
- Ruler
- Stickers
- Paint



## Procedure:

1. Place a ruler along a glass jar and mark every  $\frac{1}{2}$  inch using a permanent marker. Make sure to label the marks.
2. Decorate your rain gauge using stickers or paints however you would like.
3. Place rain gauge outside in a flat open area. Make sure to empty the jar after each rain.

## 4-H Connection

Science can be defined as the study of the world around us, a thread that runs through all aspects of our lives. Science is the theory that lies behind all 4-H projects.

## Observations:

How much rain was in your rain gauge after a storm?

What other types of precipitation are there?



Draw a picture or attach a photo of you and your rain gauge.

# Early Age Face-to-Face Judging

If you participated in the Monroe County Fair as Dept. 17 Early Age Face-to-Face Judging, use this page for newsletter or newspaper clippings, photos, drawings, and other items to show your involvement.

# Festival of Arts

If you participated in the Monroe County 4-H Festival of Arts, use this page for newsletter or newspaper clippings, photos, drawings, and other items to show your involvement.

# Foods Revue

If you participated in the Monroe County 4-H Foods Revue, use this page for newsletter or newspaper clippings, photos, drawings, and other items to show your involvement.

# Clover College

If you participated in the Monroe County 4-H Clover College, use this page for newsletter or newspaper clippings, photos, drawings, and other items to show your involvement.

# Cloverbud Camp

If you participated in the Monroe County 4-H Cloverbud Camp, use this page for newsletter or newspaper clippings, photos, drawings, and other items to show your involvement.

# Other County Events

On these pages, put clippings, pictures, drawings, and other items showing your participation in countywide 4-H events.



# Club Events

On these pages, put clippings, pictures, drawings, and other items showing your participation in your 4-H Club events.

# Club Events

On these pages, put clippings, pictures, drawings, and other items showing your participation in your 4-H Club events.

# References

- 4-H Cloverbud Activity Record Book A, By Michelle Grimm, Kim Drolshagen, and Michelle Schroeder, University of Wisconsin-Extension, 2010
- <http://craftingmom.com/decorative-paper-pumpkins/>. A website related to paper pumpkin craft.
- <http://www.sugarbeecrafts.com/2012/01/paper-strip-hearts.html>. A website related to paper strip heart craft.

