

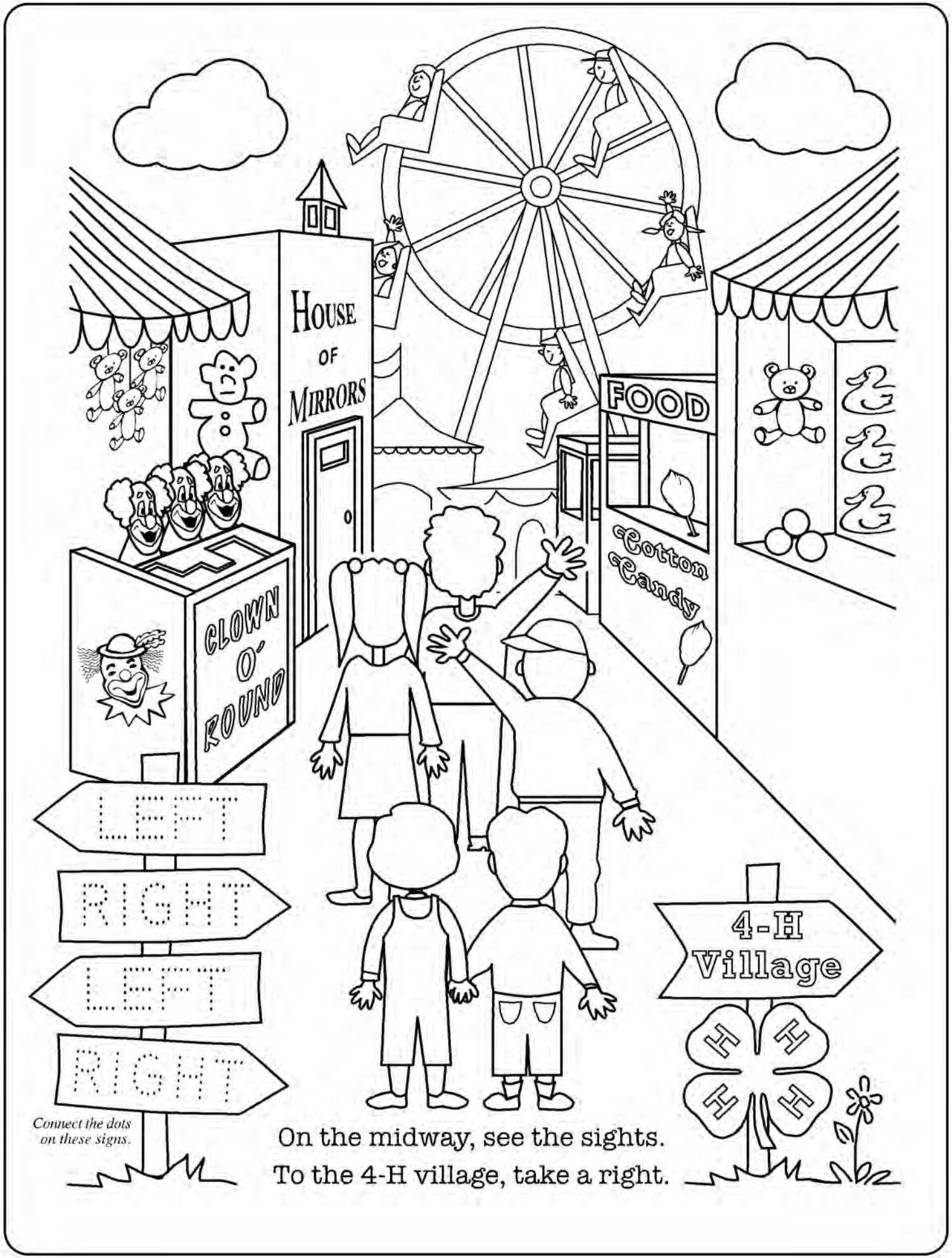
# 4-H State Fair Coloring Book



**MISSISSIPPI STATE**  
UNIVERSITY<sup>™</sup>  
EXTENSION SERVICE

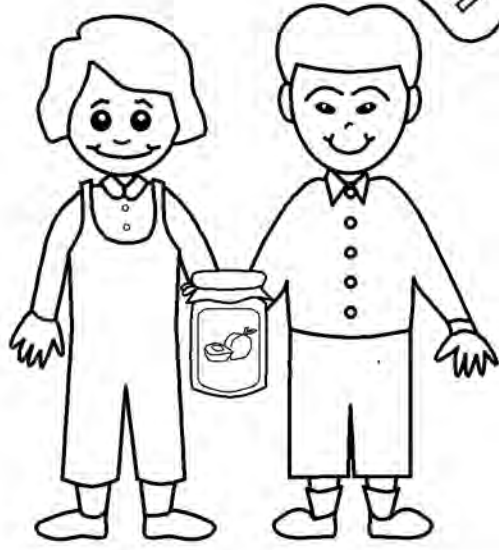






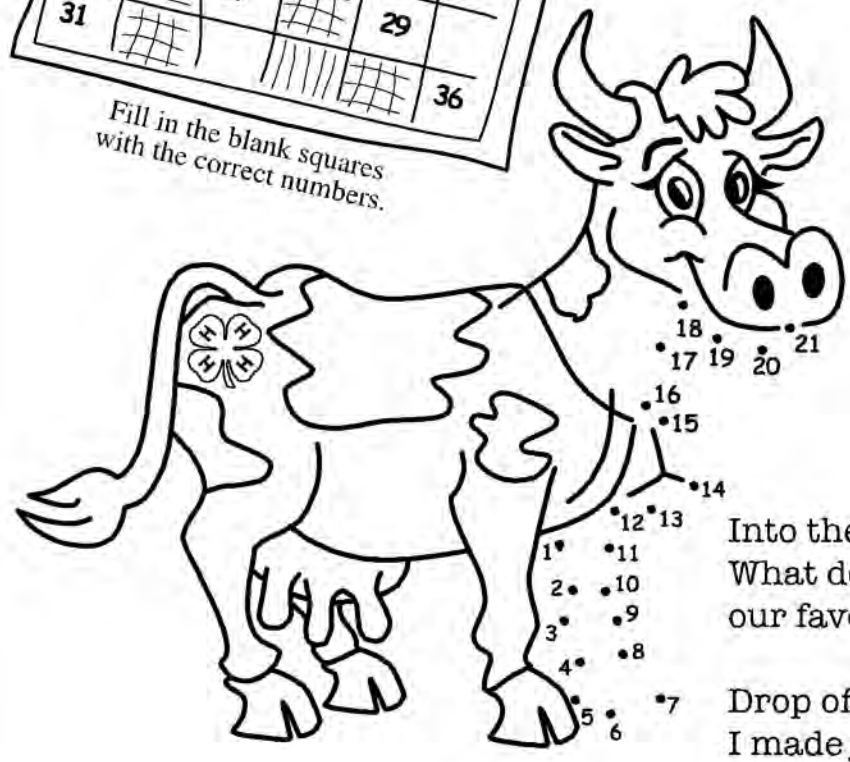
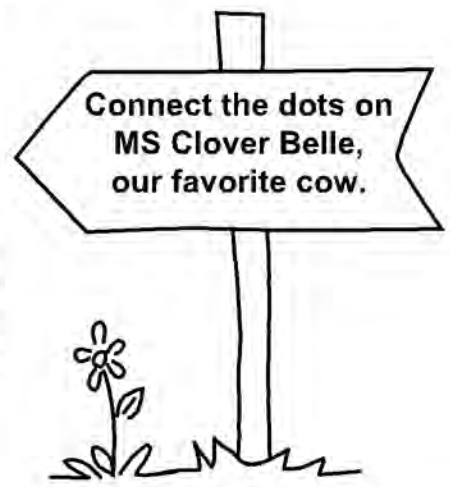
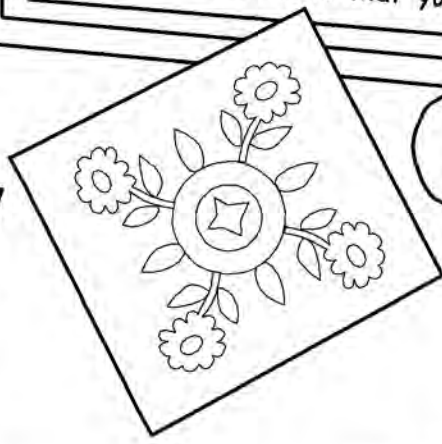
Connect the dots on these signs.

On the midway, see the sights.  
To the 4-H village, take a right.



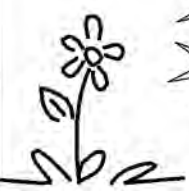
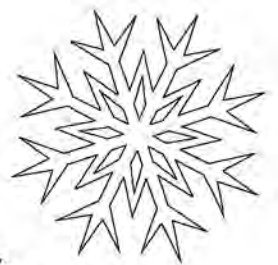
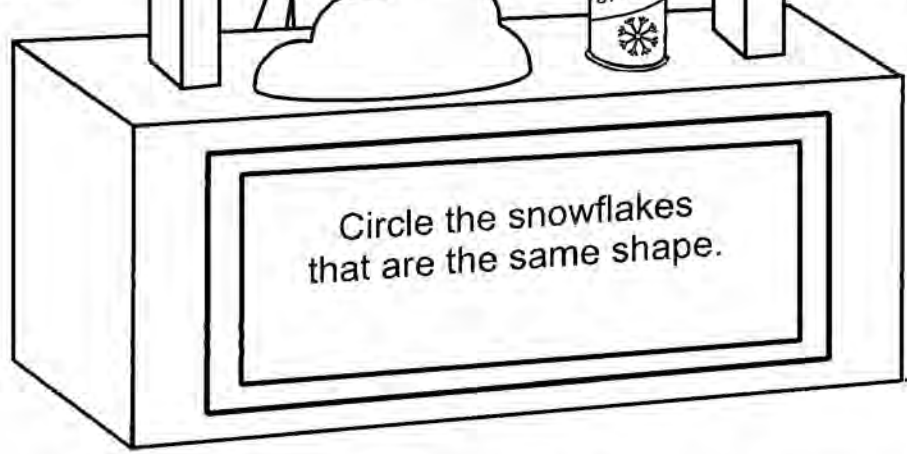
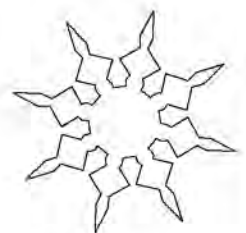
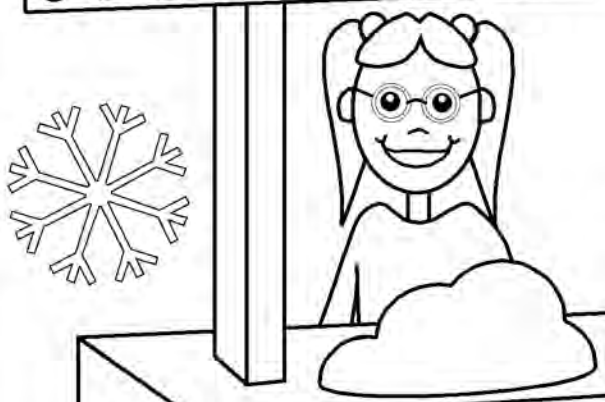
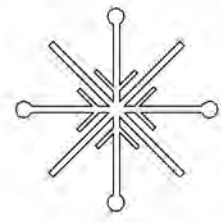
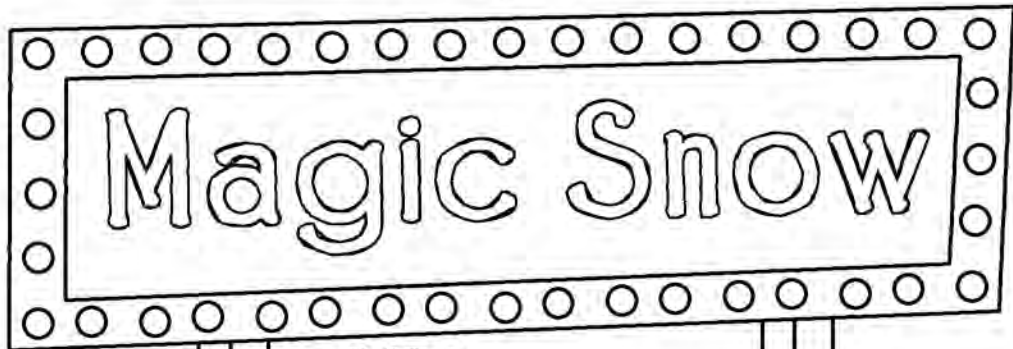
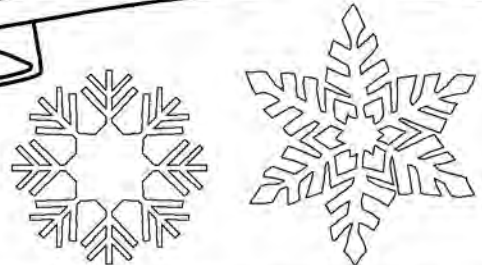
1	2	3			
7			10		6
		15	16	17	12
19	20		22		
		27		29	24
31					36

Fill in the blank squares with the correct numbers.



Into the 4-H village, look high and low. What do I see? I spy MS Clover Belle, our favorite cow, and a talent show.

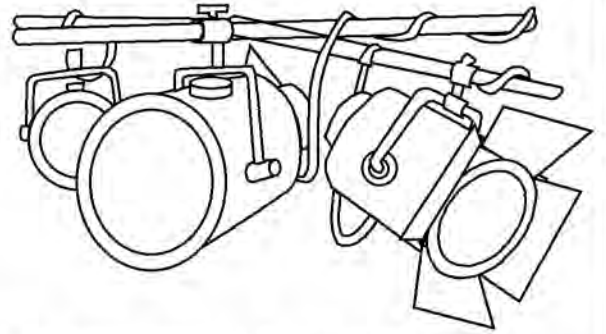
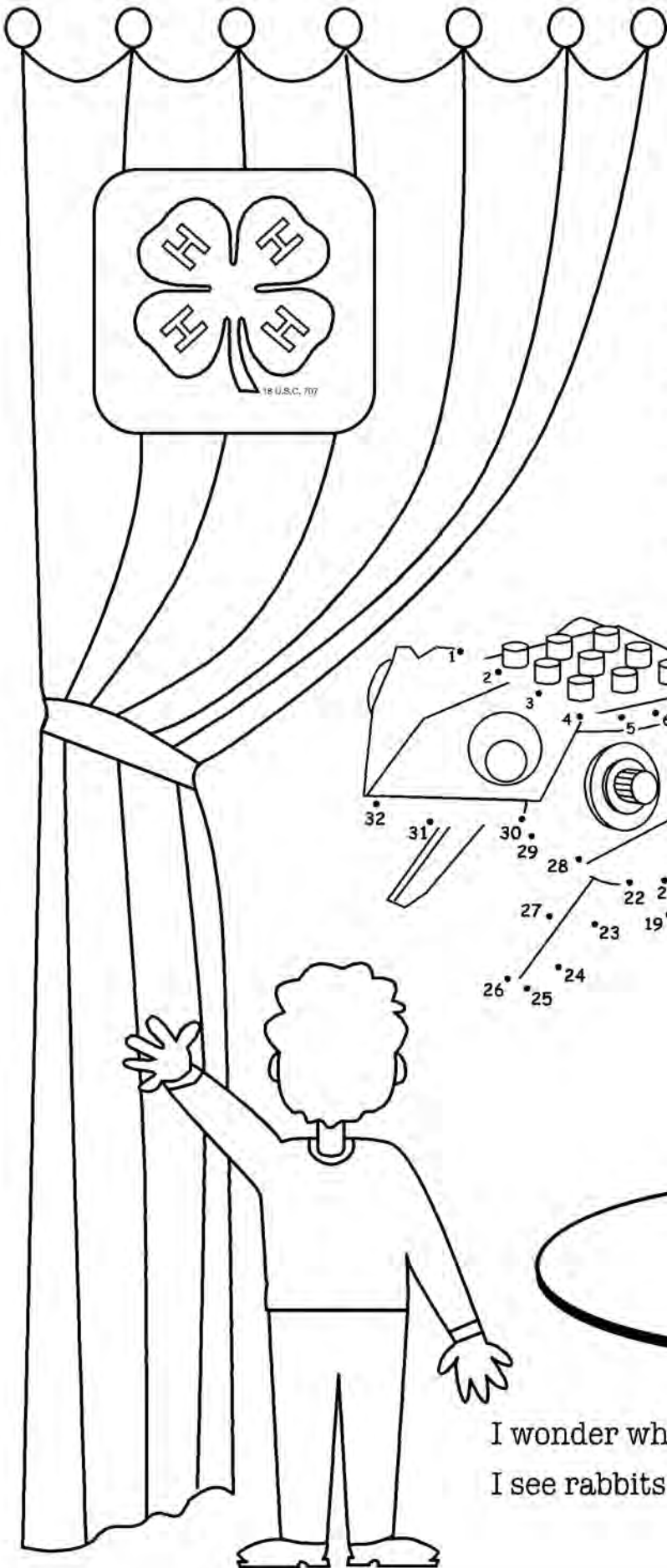
Drop off our exhibits, 1-2-3. I made jam...it is blue ribbon yummm-y!



Our work is done; now it is time for fun.  
What should we do first, since the fair has begun?

Back and forth, to and fro, off we go to the science show.  
Around the corner, here we go.  
Oh, look! Can we make magic snow?



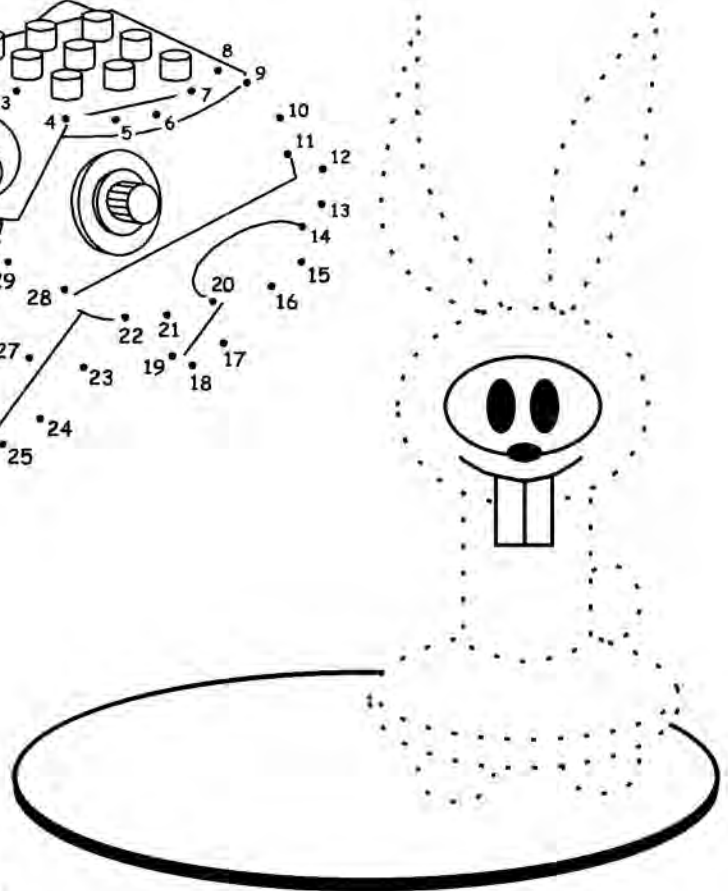
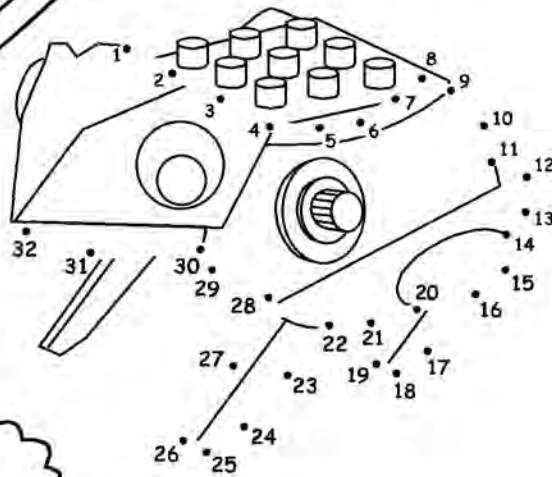


Can you connect the dots on the frog?

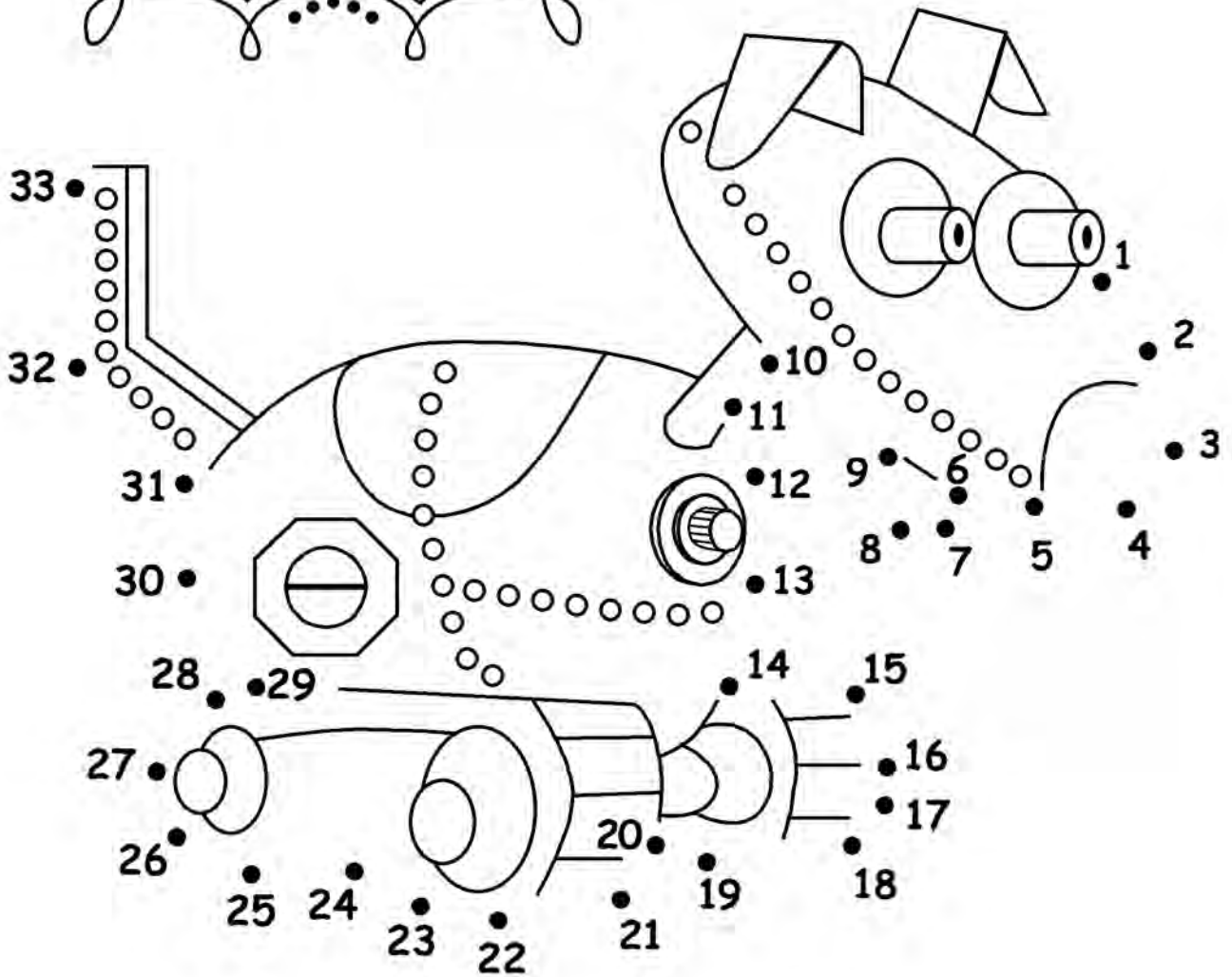
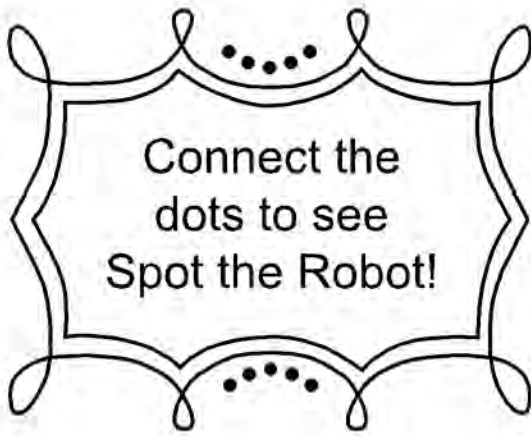
Now that you see the frog,  
can you draw a rabbit?

These sure are funny looking animals!

I wonder what kind they are?



I wonder what is right around here?  
I see rabbits and frogs; there is nothing to fear.

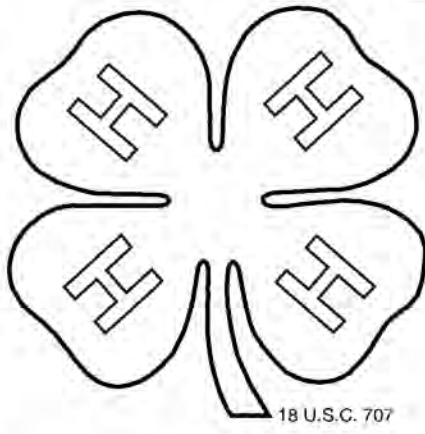
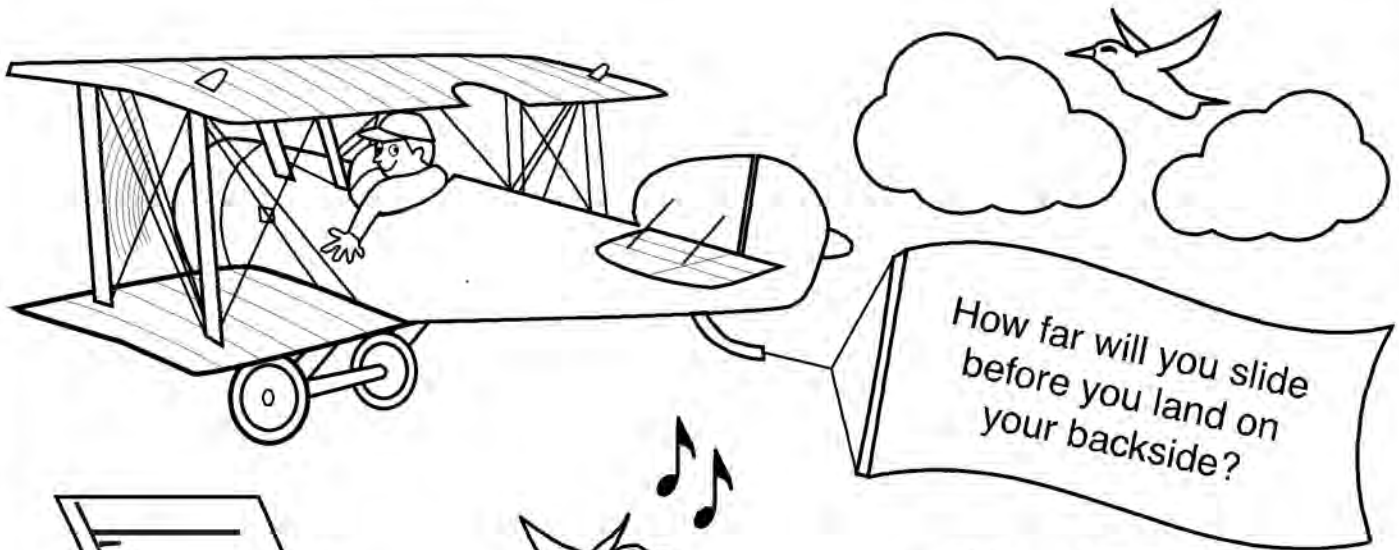


The dots make a robot from pieces and parts.  
Looks like we are off to a really fine start.

This is so great! This is so grand!  
We put him together with our very own hands.

Spot the Robot is finally done;  
I just do not see what could be more fun!





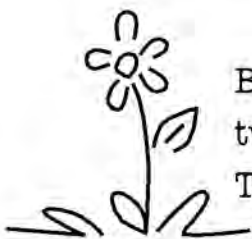
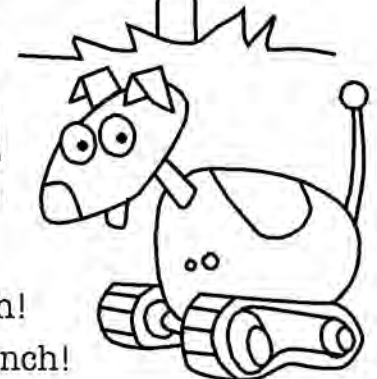
Jump on down to leave this place. Hay on my clothes, hay on my face.  
At the bottom of the hay bale is where I land. That's who I feel licking my hand!  
Spot the Robot is sitting with me. Spot left the 4-H Village to follow me.  
Flat on my back, I see the sky. The birds are singing; the clouds fly by.



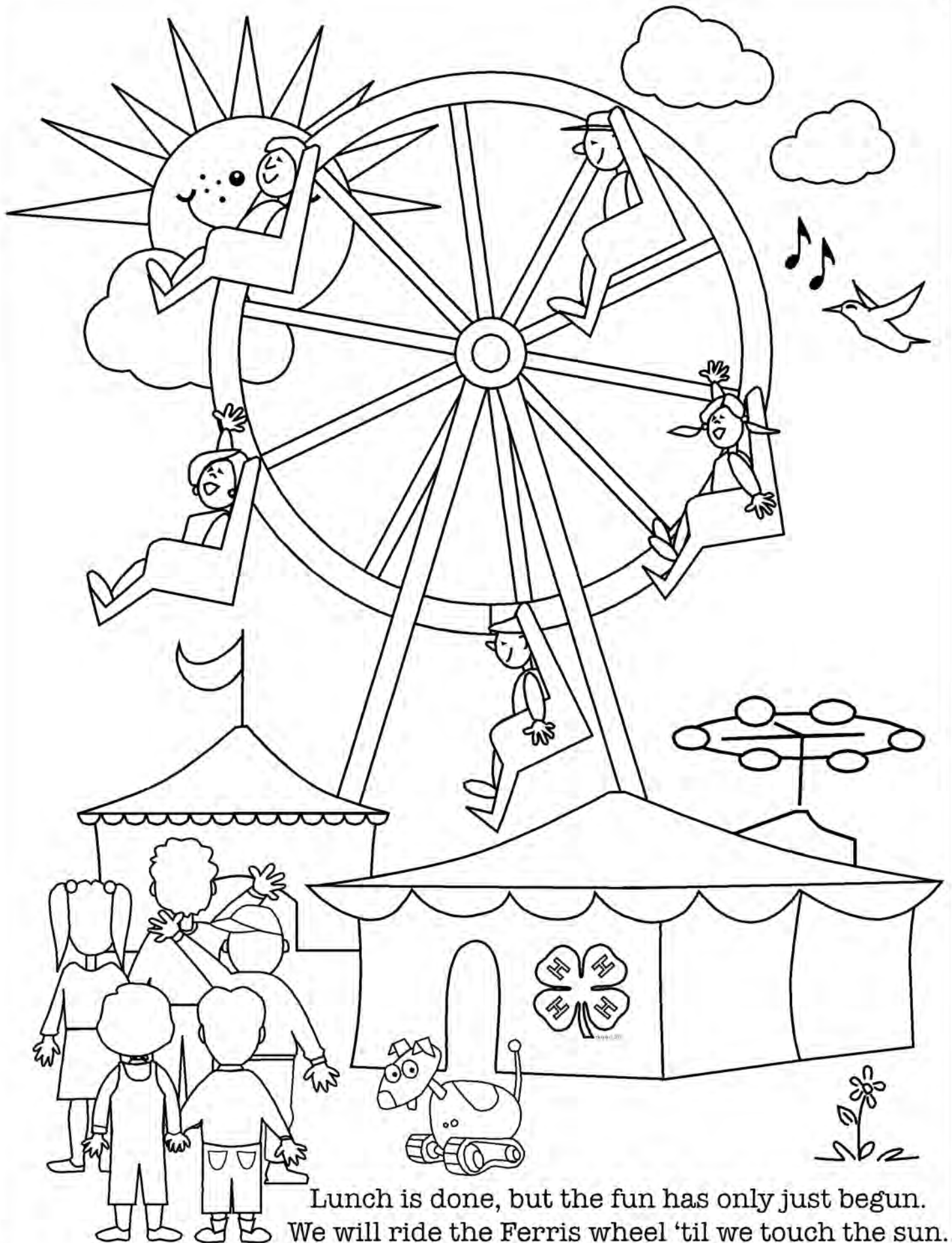
If you have \$3.00 to buy lunch  
for you and Spot,  
what can you buy for lunch?



Good Eats, What a Treat!	
Hot dog.....	\$1.25
Hamburger.....	\$1.50
Funnel Cake.....	\$1.00
Small Soda.....	\$0.50
Large Soda.....	\$1.00
Popcorn.....	\$1.00
Cotton Candy.....	\$0.75
Caramel Apple.....	\$0.75



Back to the midway to find some lunch,  
two hotdogs, two sodas, two funnel cakes, crunch!  
Throw in some cotton candy, and wow, what a lunch!



Lunch is done, but the fun has only just begun.  
We will ride the Ferris wheel 'til we touch the sun.

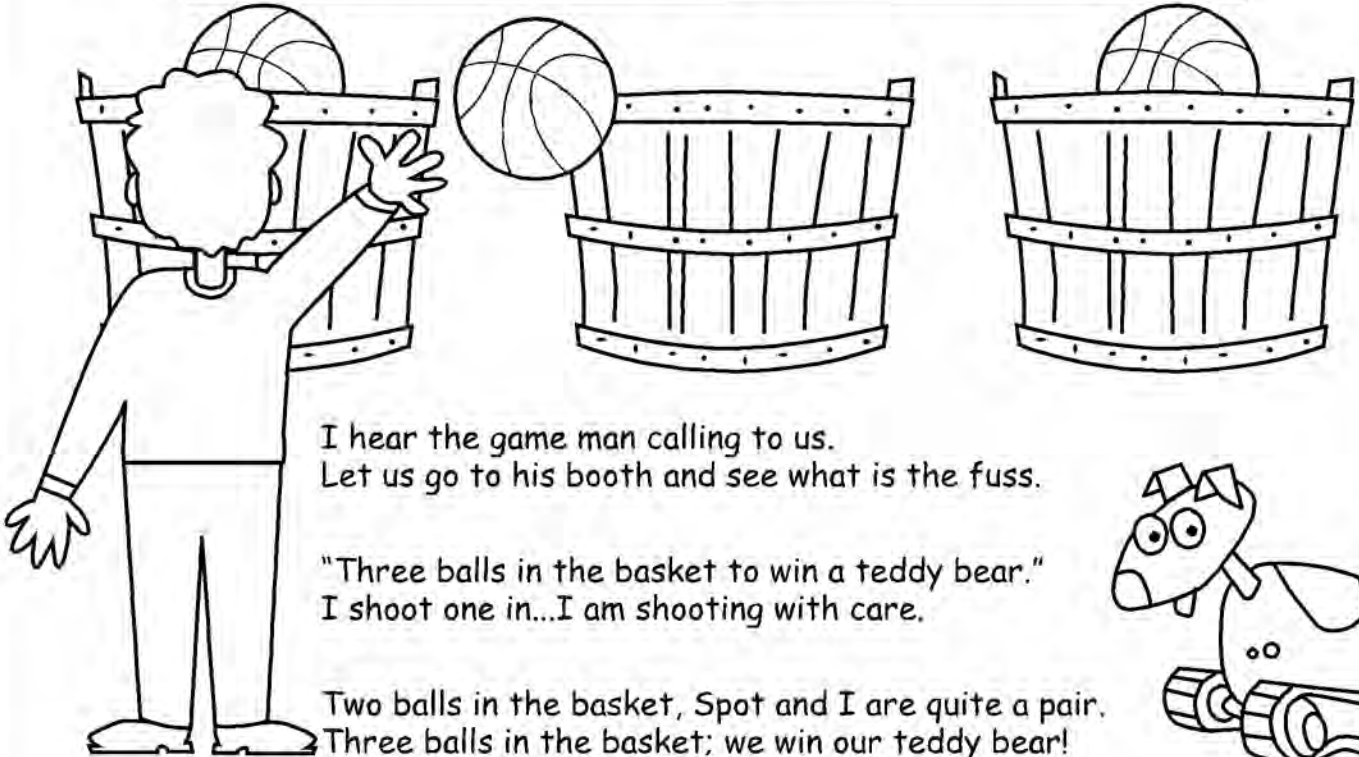
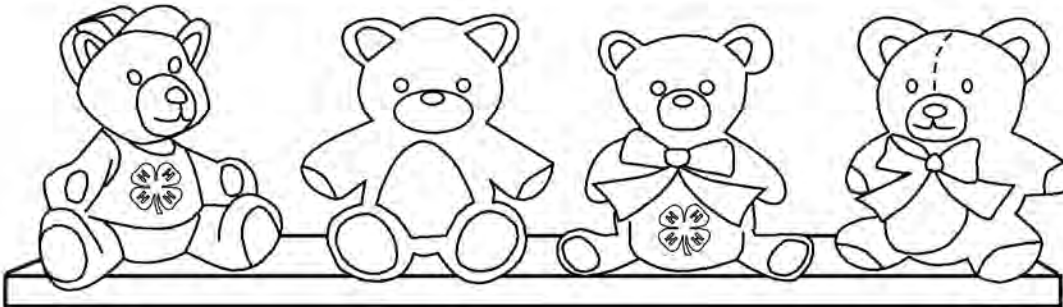
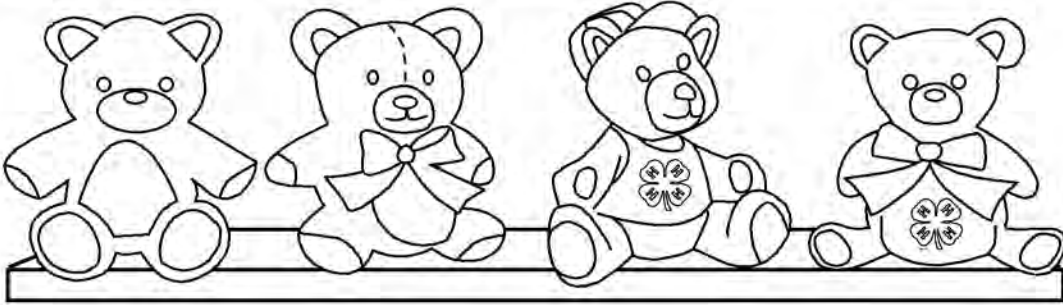
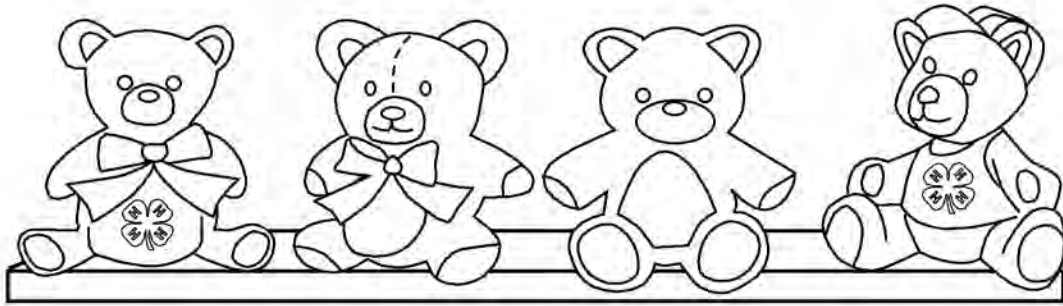


Off the Ferris wheel and, oh, so carefree!,  
We will ride the teacups together, Spot and me.

Faster and faster the teacups whirl.  
Up and down, around we twirl!



Can you find the teddy bears with the 4-H clover on the shirt?  
Circle each one that you find. How many did you find?

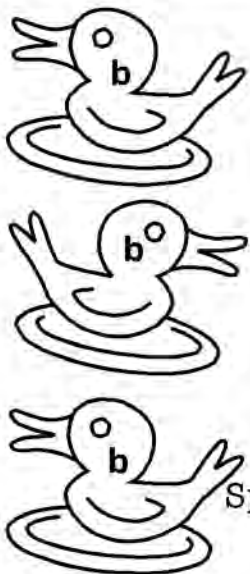
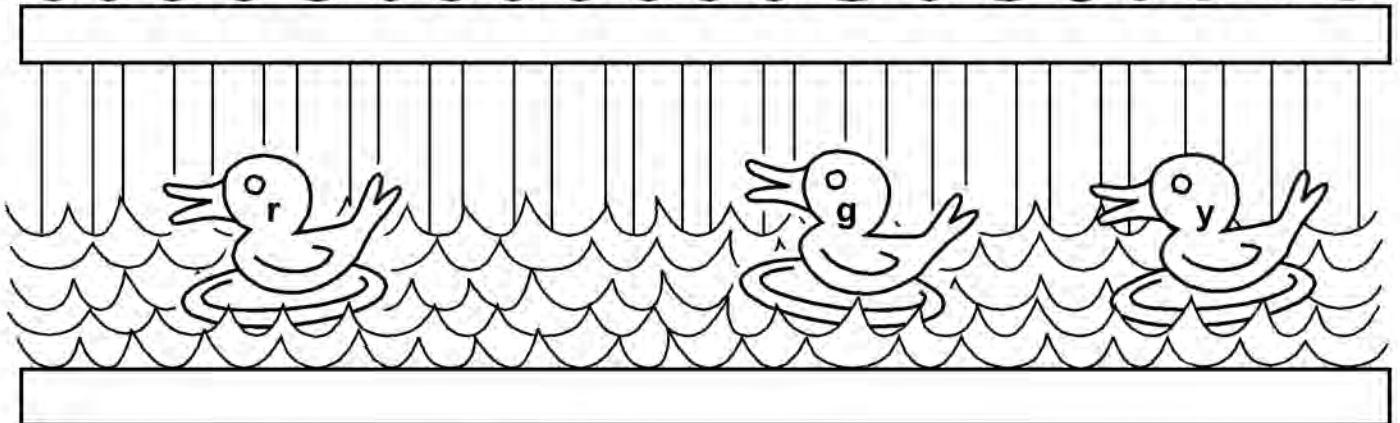
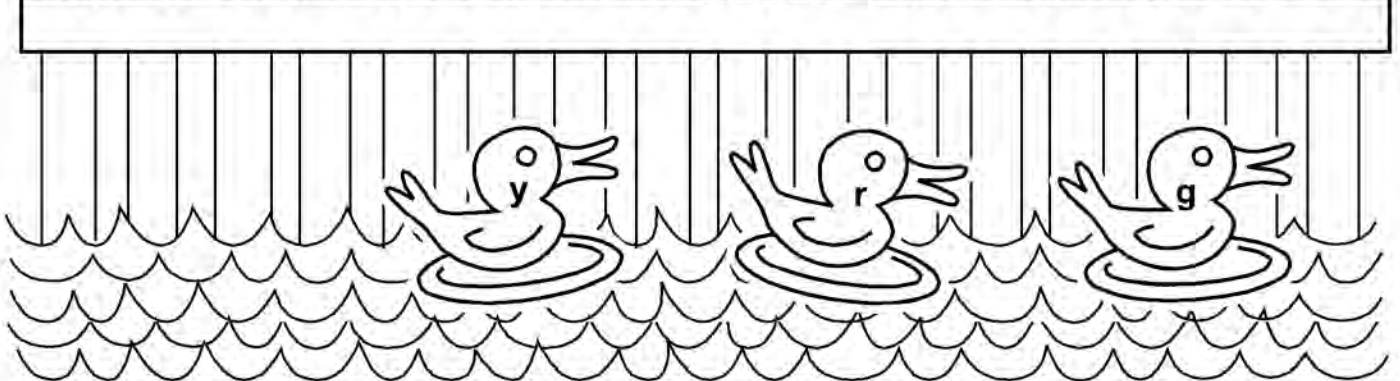


I hear the game man calling to us.  
Let us go to his booth and see what is the fuss.

"Three balls in the basket to win a teddy bear."  
I shoot one in...I am shooting with care.

Two balls in the basket, Spot and I are quite a pair.  
Three balls in the basket; we win our teddy bear!

Which ducks did Spot pluck?  
b = blue, g = green, r = red, y = yellow

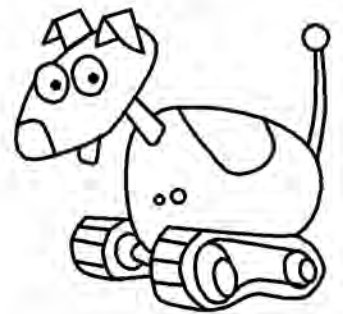


Moving on, down the Midway.  
Then Spot sees the ducks a mile away.

Here come the ducks swimming by...  
Oh Spot, please try and stay dry.

One blue duck safely ashore,  
Two more blue ducks hit the floor.

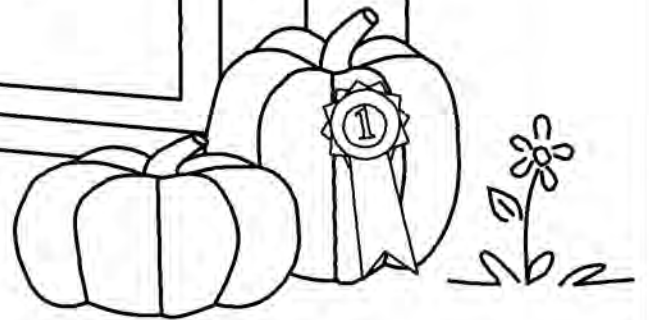
Spot drank too much water; now he has the hiccups.  
But he won the duck game...wow, what luck!





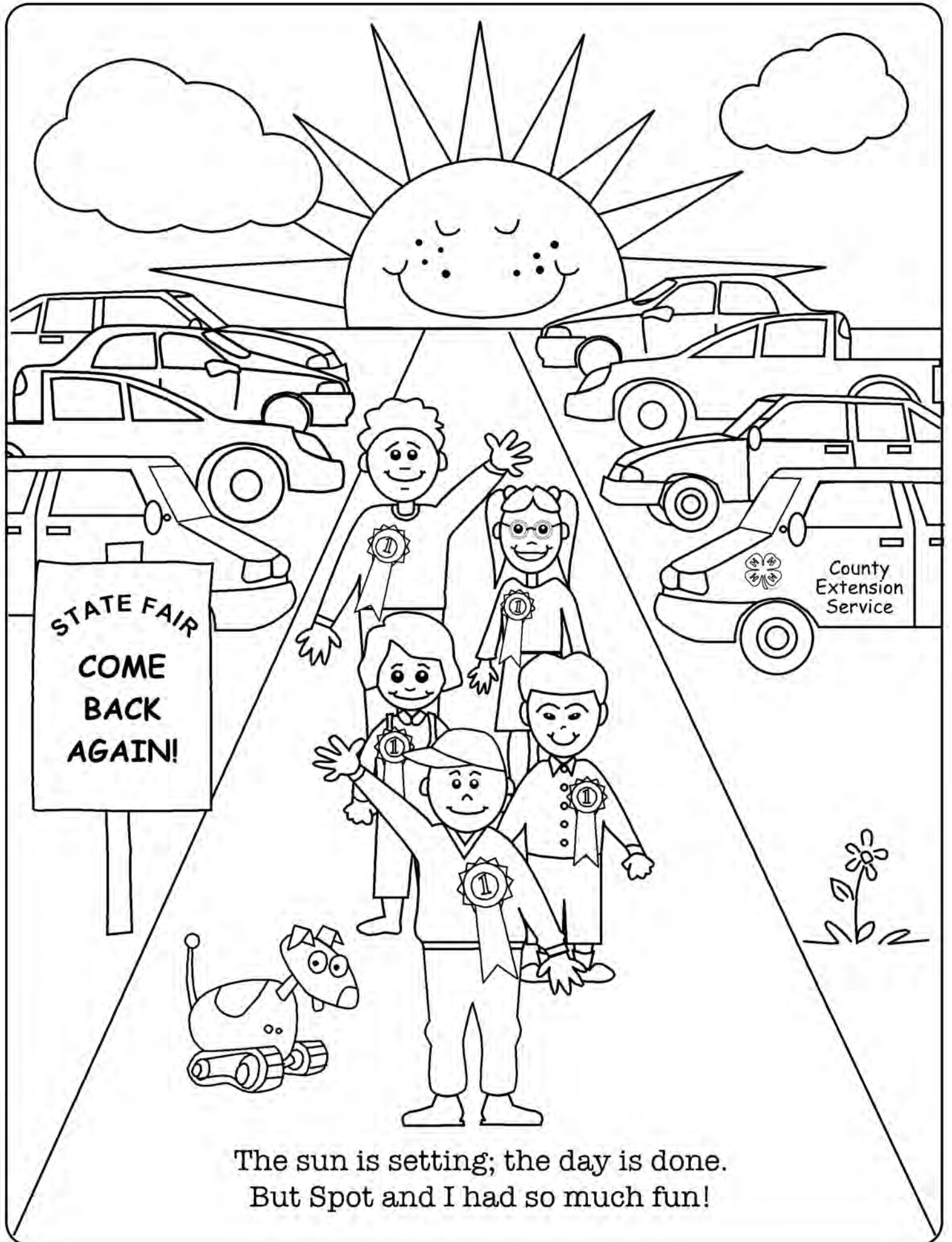


Spot and I, we caught those ducks,  
but we sure needed our raincoats!  
Now off to the livestock show  
to find some pigs and goats.



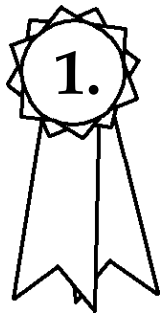
It is time to go back to the Village and see!  
The winners are picked. Is one prize for me?

My jam won a blue ribbon, hip, hip, hooray.  
This surely has been a most wonderful day.



The sun is setting; the day is done.  
But Spot and I had so much fun!

# More Fun Things To Learn and Do!



## **Make Homemade Ice cream - Learning about Liquids and Solids**

Scientific Inquiry: How does a liquid change to a solid?

### **What do you need to get started?**

- 1 gallon re-sealable bag
- 1 sandwich size re-sealable bag
- Ice (2-3 cups of ice)
- 6 tablespoons of rock salt
- 1/2 cup of half and half (can substitute 1% milk)
- 1/2 teaspoon of vanilla
- 1 tablespoon of sugar

### **Now what?**

Place the ice and rock salt in the gallon re-sealable bag and set aside. In the sandwich bag place the 1/2 cup of half and half, 1/2 teaspoon of vanilla, and 1 tablespoon of sugar. Seal the sandwich bag tightly! Place the sandwich bag in the gallon size bag and seal the gallon size bag securely. Toss the bag from one person to another for about 5 minutes. (The bag will get very cold!) Watch the liquid turn into a yummy treat. Why did the milk turn into ice cream? Why is it so cold?



## **Find things that Float or Sink - Learning about Buoyancy**

Scientific Inquiry: What makes an item float or sink?

### **What do you need to get started?**

- Various items that have the potential to float or sink, some examples:  
(rubber ducks, paper clips, can of soda, bar of soap, rocks, fruit, vegetables, coins, etc.)
- Tub of Water
  - Piece of construction paper
  - Blue Marker

### **Now what?**

Take a piece of construction paper and draw a water line half way down the page. Send your child on a scavenger hunt of your home or classroom. Ask them to look for the items listed above (or other items you may have on hand). Ask them to place the items they think will float above the water line on the piece of paper. Then have them place the objects they think will sink below the water line on the paper. Now take one object from the float or sink column and have your child put it in the water. Have them record the result by placing the object above or below the water line. Did they guess correctly? Why did some objects float and not the others? What happens if they added weight (like pennies) to the object?



### See the Water Cycle - Learning about water and the sun (evaporation)

Scientific Inquiry: How does the sun impact evaporation?

#### What do you need to get started?

1 clear plastic container

1 cup of dirt

1 cup of water

1 small plant (no taller than the container is deep)

Rocks

Rubber band

Plastic wrap

#### Now what?

Place the dirt on one side of the container so that it forms a gentle slope in the container. Press the rocks against the side of the dirt slope and at the bottom of the container. Dig a small hole for the plant and place it in the container. Pour the water on the plant and watch what happens to the water (runoff occurs). Now place the plastic wrap on top of the container and secure it with the rubber band. Set the container outside in the sun and watch what happens. What happens to the water at the bottom of the container? Why do water droplets form on top of the plastic wrap?



### Watch the Fly - Learning about Movement and Measurement

Scientific Inquiry: How does force affect motion?

#### What do you need to get started?

Gummy bears

Plastic spoons

Tape

#### Now What?

Tape 3 plastic spoons securely to a desk or other structure. On a notecard measure the starting point of the spoon. Now measure 1/2 inch down and mark that on the note card. Next measure 1 inch (1/2 inch down from the previous mark) and mark that on the note card. Now place a gummy bear in the spoon. Have students press the spoon down to the half-inch mark and release. Have students measure how high/far the gummy bear flies. Repeat with the one inch mark. Which gummy bear went the furthest (1/2 inch or 1 inch)? Why? What happens if you put more than one gummy bear on the spoon?

## Fun Books To Read

*My Robot* by Eve Bunting

*The Trouble with Sisters and Robots* by Steve Gritton

*Angelina at the Fair* by Katharine Holabird

*Ricky Ricotta's Mighty Robot Collection* (Books 1-4) by Dav Pilkey

*Hello, Robot* by Bob Staake

*Me and My Robot* by Tracey West

*Me and My Robot #2: The Show and Tell Robot* by Tracey West

*County Fair (My First Little House)* by Laura Ingalls Wilder



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