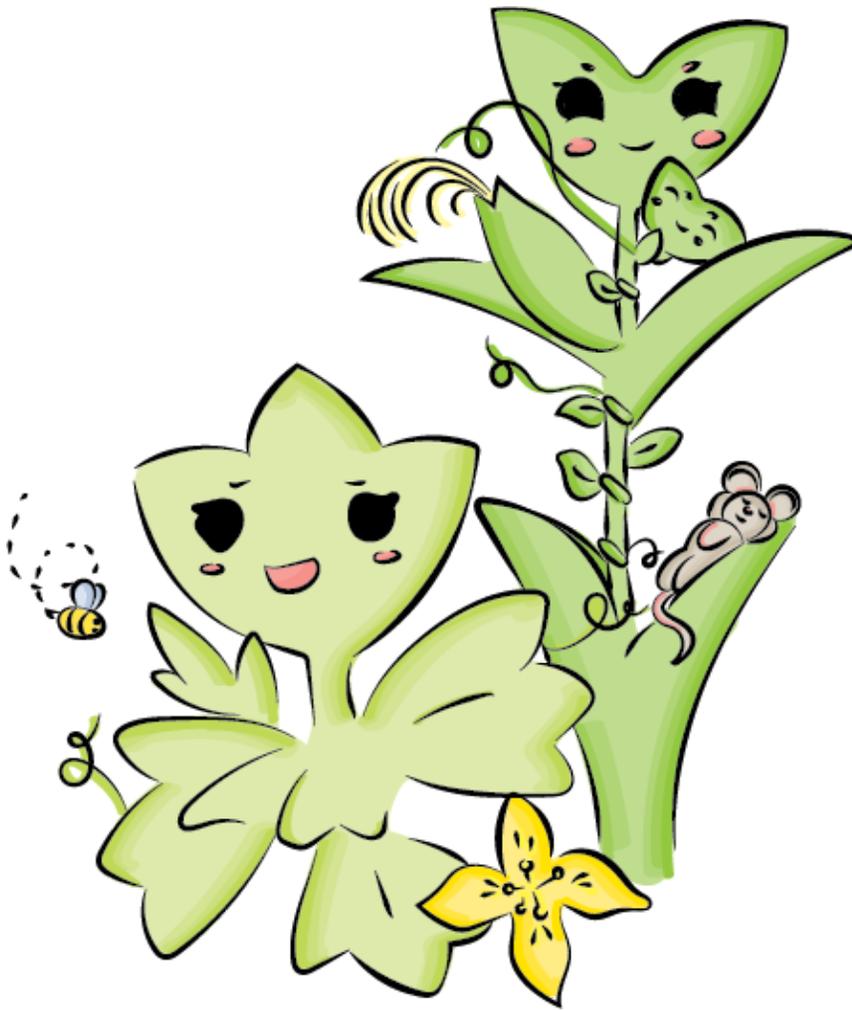


# PRODUCT GUIDE

GET READY FOR THE FARMER'S MARKET!





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\*The students may have some creative ideas for products they would like to sell. As a STEM Coach, you may allow the students to use their ideas, as long as you are willing to help those students with those ideas. Allow them to use the materials available at the school to make these products.



## Popcorn:

### What you will need:

Popcorn (either microwave or popcorn kernels), popcorn maker if you are using kernels, seasonings, or chocolate to drizzle, big bowl, and paper containers or paper bowls.

### What you will do:

Choose how you would like to make the popcorn. You may use a popcorn maker and kernels, or microwavable popcorn.

### Microwave popcorn Instructions:

1. First, wash your hands, and put on plastic gloves.
2. Follow the instructions on the bag, and pop the microwavable popcorn in the microwave.
2. Pour all the popcorn into a big bowl, or pour into two separate bowls if you want to add a seasoning to one and leave the other plain.
3. Cover the popcorn until the Farmer's Market is ready to begin.
4. Use the premade construction paper containers or paper bowls to serve the popcorn to your customers.

### Popcorn machine Instructions:

1. First, wash your hands, and put on plastic gloves.
2. Set up the popcorn maker.
3. Measure out the popcorn kernels and oil, and put them into the popcorn maker. Make as much popcorn as you think you will need for the Farmer's Market.
4. Pour the freshly made popcorn into bowls.
5. Add seasoning or toppings as desired.

\*Options- salt, popcorn seasoning, drizzled chocolate (If you choose to drizzle chocolate, then follow the instructions for melting and drizzling the chocolate as found in the pretzel instructions.)

6. Cover the popcorn until the Farmer's Market begins.
7. Use the premade construction paper containers or paper bowls to serve the popcorn to your customers.

Popcorn makers like this one can be found at Target. A popcorn maker is a great purchase, because it can be used to make a fun and healthy snack for the students through out the year.





## Lemonade:

### What you will need:

Country Time Lemonade powdered drink mix, disposable cups, water, spoons for mixing, water pitchers, lemons, plastic knives.

\*Optional- Students may want to customize their lemonade product with mint leaves, or raspberries, etc.

### What you will do:

1. First, wash your hands, and put on plastic gloves.
2. Prepare as many pitchers as you think you will need.
3. Measure and pour cold water into a pitcher.
4. Read the lemonade drink mix label to measure how much powder to add to the pitcher, according to how much water there is.
5. Use a spoon or utensil with a long handle to mix the water and powder together.
6. \*Optional- Cut up some lemons and squeeze some fresh lemon in to taste.
7. \*Optional- Cut some lemons into wedges, and place them in a container. These will be used to place on the cup rims to sell.
8. \*Optional- Customize the lemonade, and add some mint leaves, raspberries, etc.
9. Put the pitchers of lemonade and the lemon wedges in the fridge until the farmer's market is about to start.
10. Then, take the cups, pitchers, and lemons out to your stand. Prepare the cups of lemonade to sell.
11. \*Optional- Have ice cubes on hand if you think you will need them.





## Chocolate drizzled pretzels:

### What you will need:

Bags of pretzels, melting chocolate wafers, sprinkles, microwave safe bowls to melt chocolate, plastic spoons for mixing, microwave, wax paper, container or trays for pretzels.

### What you will do:

1. First, wash your hands, and put on plastic gloves.
2. Lay out sheets of wax paper on a table, and lay out the pretzels closely together on the wax paper.
3. Put the melting chocolate in a microwave safe bowl. Microwave the chocolate on half power for about 30 seconds, unless otherwise noted on the package. Check the chocolate and stir. Continue to microwave the chocolate for 15 seconds at a time. Check the chocolate, and stir it in between starting the microwave again. When the chocolate is finished it should be smooth and easy to stir. Chocolate can overcook and burn or harden if heated for too long.
4. As soon as the chocolate is ready, take a spoon and drizzle the chocolate over the pretzels. You can lightly add sprinkles if desired.
5. Let the pretzels cool and the chocolate harden for about 10 to 20 minutes before gently removing them from the wax paper and placing them on a tray or in a container.





## Wind chimes:

### What you will need:

Disposable cups or sticks as base, yarn or string, fun beads, bells, paint, and paint brushes to decorate cups.

### What you will do:

The students can choose from two types of wind chimes to make. They can choose to make them with plastic cups, or with a stick as the base.

1. Choose your base. Either use disposable plastic cups, a dowel, or find a nice durable stick in the schoolyard.
2. Use acrylic paint to decorate the cups or sticks if desired, and allow them to dry.
3. Use yarn or string, and fun beads and bells to decorate the windchimes.
4. You can use one or two cups per windchime. They will be upside down. So the bottom is the top, and the top is the bottom. Create a small hole in the top of the cups, just big enough to fit the string in. The string will be used to hang the wind chime. Leave enough string at the top to tie a loop for hanging, and enough hanging through the cup at the bottom to either secure the cup or extra to hang down to decorate. Tie a bead just under where you want the string to be located at the hole. This will hold the cup in place.
5. Next, choose how to decorate the wind chime. If you would like to decorate the string hanging down, you can add beads or bells. You can also punch holes along the bottom of the cup and tie the beads and bell with a string
6. For the stick windchime, you can tie a string to both ends of the wind chime to use to hang the wind chime. Then you can tie multiple strings to hang from the stick, and decorate those with beads and bells.





## Stick turtles:

### What you will need:

Colorful popsicle sticks or plain and the students can color them with designs or turtle print, at least 3 colors of yarn, scissors, glue, markers.

### What you will do:

1. Each turtle craft will need 3 popsicle sticks. One stick will be the body, and the other two will be the legs. Color the three popsicle sticks.
2. Put some glue in the center of a popsicle stick, and then lay another popsicle stick on top of the first at a diagonal angle. Add glue to the middle of this stick, and place the third stick at a diagonal angle in the opposite direction. This will form an “X” across the first popsicle stick.
3. Next, take the end of the first color of yarn that you would like to use, and tie a knot around the center of the sticks.
4. Begin weaving the yarn over, under, around, and through the popsicle sticks to begin forming a shell shape for the turtle. Continue wrapping this color of yarn around the popsicle sticks about 6 times on each side.
5. Carefully tie the end of the yarn to the next color, and continue wrapping the yarn until about half of the popsicle sticks are covered.
6. Take the third color of yarn, and tie the yarn ends together. Wrap the yarn around the popsicle sticks until there is about one inch of the popsicle sticks left.
7. Tie the end of the yarn off, and cut the yarn.
8. Decorate the turtle with a face and feet, and then you’re done!





## Pinwheels:

### What you will need:

Paper straws, hole punch, scissors, thin craft paper (decorative, plain color, or decorated by a student), pencils, rulers, paper fasteners (brads).

### What you will do:

1. First, pinch the end of a straw and punch a hole near the top of the straw.
2. Measure out 4x4 inch squares on a sheet of paper, and cut the squares.
3. Use a ruler to identify the middle of the square, and mark it with a pencil.
4. Use your pencil to draw 4 lines. Draw one line from each corner of the square to one inch from the middle point.
5. Gently fold the square to meet two of the corners. Do not crease the paper. Pinch the center, and insert the center of the paper halfway into the hole punch and punch a hole. This is an important step, because if you punch an entire hole when the paper is folded, the hole will be double the size and too big for the brad to fit into.
6. Next, punch a hole near the edge of each corner to the left side of the pencil lines.
7. Use the scissors to carefully cut along the lines.
8. Next, take the paper fastener, lightly fold a corner without creasing the paper, and insert the fastener into the hole. Repeat on all four corner holes until all the corners are inserted into the fastener. Then insert the fastener into the center.
9. Put the straw through the fastener. Leave some space in between the paper and straw, and bend the ends of the fastener to secure the paper and straw.
10. Press down on the folds of the paper to flatten them a little bit. This will help the pinwheel spin. Congratulations! You now have a pinwheel!





## Origami Paper Crafts:

### What you will need:

Origami paper, or thinner craft paper, scissors, coloring utensils

### What you will do:

1. Find origami videos on YouTube, and follow along to make your craft.
2. Make sure your paper is square. You may need to measure and cut the paper for the origami creation to work.
3. Decorate if desired.

Here are some links to two STEM Taught origami video tutorials that the students may like to use:

Frog-

<https://www.youtube.com/watch?v=w5YiVAHmPWY>

Chicken-

<https://www.youtube.com/watch?v=SocFTgbzMs8>

