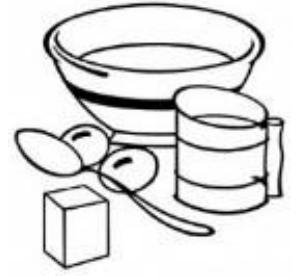


# STEM Storytime: What's Cooking?



April 21, 2018

**Opening Song:** Bread and Butter

**Book:** Bee-bim Bop! by Linda Sue Park, illustrated by Ho Baek Lee

Questions to ask: What vegetables do you see in these pictures? Which vegetable is the largest? Which vegetable is the smallest?

**Song:** Bananas Unite!

**Book:** Rainbow Stew by Cathryn Falwel

Questions to ask: What shapes do you see?

**Song:** Way Up High in the Apple Tree

**Felt Board Story:** Let's Make a Pizza!

Make a felt board pizza and include images of common ingredients like flour, tomatoes, cheese, and pepperoni. Pretend to measure flour, salt, yeast, and oil to make the dough. Count the toppings after putting them on your pizza.

**Make a Graph:** That's My Favorite!

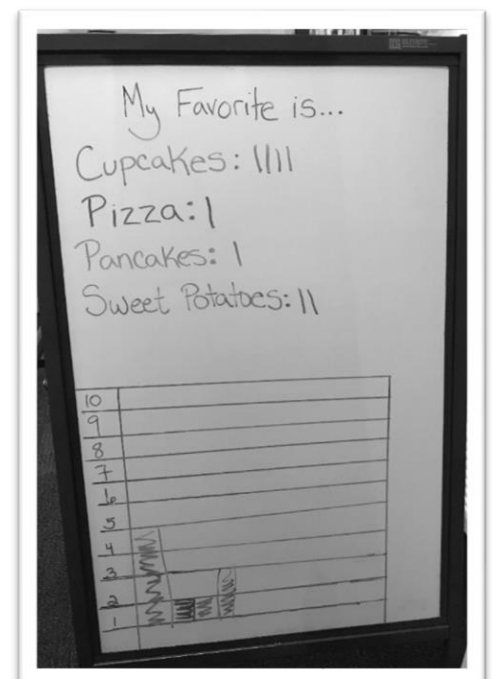
Beforehand, create the start of a bar graph using a white board or a large notepad, and include some favorite food choices such as broccoli, pizza, cupcakes, etc. During storytime, take a poll to find out everyone's favorite food. Then, complete the bar graph, and discuss what you find.

**Book:** Eating the Alphabet by Lois Ehlert

Letter Recognition: Instead of reading the whole book, invite children to call out letters, and read only the letters of those pages.

**Closing Song:** The More That We Learn Science  
(To the Tune of The More We Get Together)

The more that we learn science, learn science, learn science,  
The more that we learn science, the happier we'll be.  
We'll know things and do things, explore many new things.  
The more that we learn science, the happier we'll be.



**Station 1: Pie Charts**

- Cut a paper plate in half, and then take one half and cut into 1/4ths. Keep cutting until you have:  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{8}$ , and two  $\frac{1}{16}$  pieces on the paper plate.
- Then write each measurement on the bottom of the plate. (You can have a volunteer prepare these paper plates, or simply have instructions for the parents to each make their own.)
- Invite children to color in their pie. Then, ask them to guess which one is the  $\frac{1}{2}$ , which is the  $\frac{1}{4}$ , and so on.

Web link: [creativefamilyfun.net/pumpkin-pie-fractions](http://creativefamilyfun.net/pumpkin-pie-fractions)

**Station 2: Measuring**

- Have out some non-messy food (dried beans, colored pasta, cereal, ect., measuring cups, and giant bowls, and invite children to experiment with measurements.
- Ask questions that invite observation, such as how many  $\frac{1}{4}$  cups of beans does it take to fill the bowl? How many  $\frac{1}{2}$  cups?

**Station 3: Dancing Raisin**

- Pour carbonated water into a clear cup. Then add raisins and observe what happens!
- Pour tap water into another clear cup. Add more raisins and observe the difference.

Web link: [stevespanglerscience.com/lab/experiments/dancing-raisins-the-bubble-lifter](http://stevespanglerscience.com/lab/experiments/dancing-raisins-the-bubble-lifter)