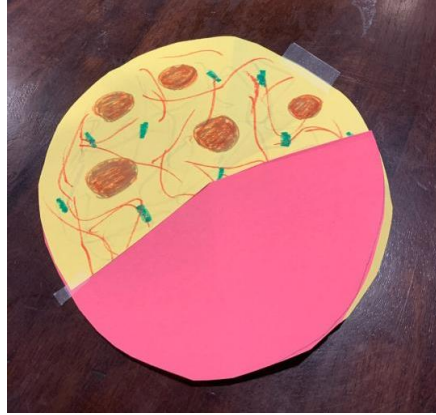
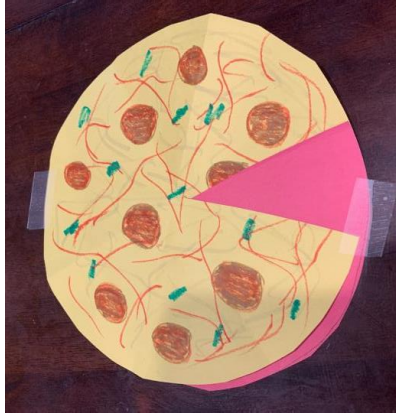


Pizza Parts of a Whole



Objective: Students will represent fractions on a pizza

Common Core State Standards: CCSS.Math.2.G.A.3; 3.NF.A.1
CCSS.ELA-Literacy.SL.3.1; SL.3.2; SL.3.3; SL.3.4; SL.3.6; RL.3.1; RL.3.7

Suggested Reading Materials:

- *Pizza Ag Mag* – available online: <https://bit.ly/PizzaAgMag>
- *Pizza Terra Nova* – available online: <https://bit.ly/pizzaTN>
- *Pizza Counts* by Christian Dobson ISBN: 978-0881063394
 - Available online through Open Library (borrow books for up to 14 days with a free account): <https://bit.ly/countCD>

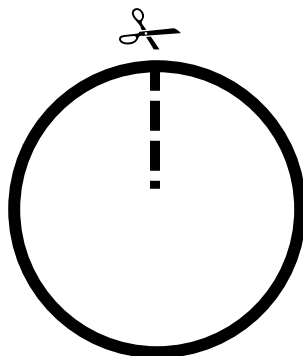
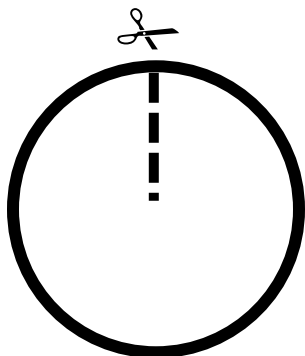
Materials Needed:

- 2 – 9” paper plates (or 2 pieces of paper cut into 8” circles) – can use two different colors of paper or paper plate
- Markers/crayons/scissors
- Scissors & tape

Procedure:

1. Read the *Pizza Ag Mag* and/or *Pizza Terra Nova* and the book *Pizza Counts*.
2. Brainstorm a list of pizza topics
3. On one of your paper plates (or circles) draw & color it to look like a pizza with your 3 favorite topics. Where did your three favorite toppings come from? (look in the *Pizza Ag Mag* for help)

4. Make a radius cut in each paper plate (or circle)



5. Slide the paper plates/circles together at the radius cuts so that they interlock. Once interlocked you should be able to rotate the top one to show more or less of the plate/circle beneath
6. Can you make your plate look like the following fractions? (also see page 30-31 of the *Pizza Counts* book)

<p>a. $\frac{1}{4}$ of the pizza eaten</p>	<p>b. $\frac{1}{2}$ of the pizza eaten</p>	<p>c. $\frac{3}{4}$ of the pizza eaten</p>
<p>d. $\frac{1}{3}$ of the pizza eaten</p>	<p>e. $\frac{2}{3}$ of the pizza eaten</p>	<p>f. $\frac{1}{6}$ of the pizza eaten</p>
<p>h. $\frac{5}{6}$ of the pizza eaten</p>	<p>i. $\frac{1}{8}$ of the pizza eaten</p>	<p>j. $\frac{5}{8}$ of the pizza eaten</p>