



Introduction to Fractions

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Math
Grades 3-5



Introduction

As students learn the basics of fractions, they will create a fraction pizza and use a platform such as Seesaw or Flipgrid to present their pizza fractions to the class.

Learning Objectives

- [CC Standards.](#)
- Students develop an understanding of fractions, beginning with unit fractions. Students view fractions in general as being built out of unit fractions, and they use fractions along with visual fraction models to represent parts of a whole.

Materials Needed

- *Fraction Fun* by David A. Adler
- notebooks
- pencil
- construction paper
- scissors
- glue
- iPad (optional)

Procedure

Day 1

1. The teacher will introduce fractions by reading *Fraction Fun* by David A. Adler. After reading the book, the teacher can provide the students with whole-group practice of identifying fractions followed by independent practice at their seats. The independent practice can include either a worksheet or the teacher drawing various shapes on the whiteboard and having students record on a piece of paper what the fraction shown.
2. To review, the teacher will play the Khan Academy [video clip on Fraction Basics](#). Then, students will be told they are going to make a fraction pizza. Students will use construction paper to make a pizza with various toppings on each individual piece (olives, pepperoni, green pepper, mushrooms, etc). The pieces should be diverse to allow for Day 2's portion of the exercise.

Continued on page 2



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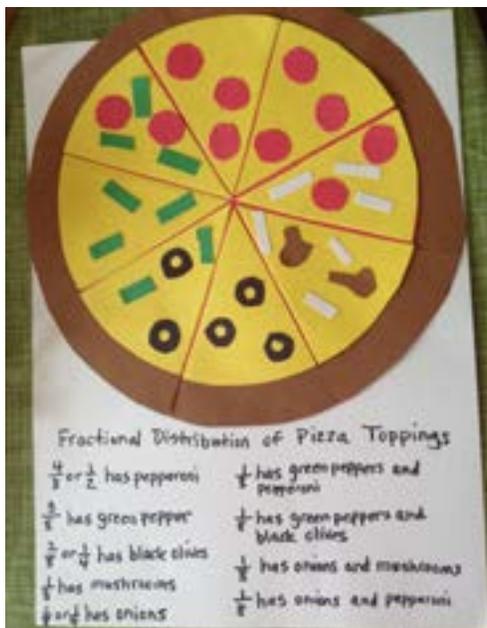
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Continued from page 1

Day 2

1. Students will finish creating their pizza and label what the distribution of the pizza toppings is. Example: $\frac{1}{4}$ has pepperoni, $\frac{1}{8}$ has onion, $\frac{1}{2}$ has both pepperoni and green pepper.
2. Students will either present their pizza to a small group of classmates, record themselves explaining their pizza to be posted to a platform such as Seesaw or Flipgrid, or simply turn in the completed pizza for evaluation.



Evaluation

Completed pizza turned in and video using Seesaw or Flipgrid.