

Exploring Equivalent Fractions

Brief Overview:

During the three days, students will develop an understanding of equivalent fractions. For this unit, students will need the prerequisite skills of representing and comparing fractions with like denominators. They will also need to be able to place a fraction on a number line labeled 0, $\frac{1}{2}$, 1.

NCTM Content Standard/National Science Education Standard:

Number and Operations

- Understand numbers, ways of representing numbers, relationships among numbers, and number systems
- Develop an understanding of fractions as parts of unit wholes, as parts of a collection, as locations on number lines, and as divisions of whole numbers.
- Use models, benchmark, and equivalent forms to judge the size of fractions.
- Recognize and generate equivalent forms of commonly used fractions, decimals, and percents.

Grade/Level:

4/5

Duration/Length:

60 minutes per day for 3 days

Student Outcomes:

Days One and Two

- Compare fractions to determine fraction equivalency
- Create equivalent fractions using manipulatives
- Communicate orally and in writing their understanding of equivalent fractions
- Identify equivalent fractions