

**About the Mathematics in This Unit**

Dear Family,

Our class is starting a new unit in math about fractions called *Numbers and Operations 2: Fractions and Percents*. During this unit, students investigate the meanings of fractions and percents. They use knowledge of fractions, number sense and a variety of representations and models to compare and order fractions, represent percents on a 10 x 10 grid, find equivalent fractions, and add and subtract fractions.

This is the first of two units in the fifth grade that focus on rational numbers (numbers that can be expressed as fractions). In the second unit, *Numbers and Operations 3: Fractions, Decimals and Percents*, students will extend their work with fractions and percents to decimal numbers.

In our math class, students spend time discussing problems in depth and are asked to share their reasoning and solutions. It is important that children solve math problems in ways that make sense to them. At home, encourage your child to explain the math thinking that supports those solutions.

Sincerely,