



## About the Mathematics in This Unit (page 1 of 2)

Dear Family,

Our class is starting a new mathematics unit about fractions called *Fraction Cards and Decimal Squares*. During this unit, students investigate the meaning of fractions and the ways fractions can be represented. They use halves, fourths, eighths, thirds, sixths, twelfths, fifths, and tenths to compare the value of fractions and use representations to add fractions. Students also work with decimals in the tenths and hundredths.

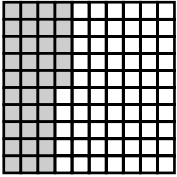
Throughout the unit, students work toward these goals:

BENCHMARK/GOAL	EXAMPLES	
Identify fractional parts of an area.		$\frac{3}{4}$ of this rectangle is shaded.
Identify fractional parts of a group (of objects, people, etc.).		$\frac{2}{3}$ (or $\frac{8}{12}$ ) of these marbles are striped.
Read, write, and interpret fraction notation.		The amount shaded is less than 2 wholes: $\frac{11}{6}$ or $1\frac{5}{6}$ .
Order fractions with like and unlike denominators.		

(continued)



## About the Mathematics in This Unit (page 2 of 2)

BENCHMARK/GOAL	EXAMPLES	
Read, write, and interpret decimal fractions in tenths and hundredths.		0.35 of this $10 \times 10$ square is shaded.

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

Please look for more information and activities about *Fraction Cards and Decimal Squares* that will be sent home in the coming weeks.