



MATHEMATICS

In Grade 5, your child will focus on three critical areas. The first is developing fluency with addition and subtraction of fractions, and developing understanding of the multiplication of fractions and of division of fractions in limited cases (unit fractions divided by whole numbers and whole numbers divided by unit fractions). Your child will also focus on extending division to two-digit divisors, integrating decimal fractions into the place value system and developing understanding of operations with decimals to hundredths, and developing fluency with whole number and decimal operations. The third focus area is developing an understanding of volume. Activities in these areas include:

- Finding a common denominator and creating equivalent fractions for given fractions or mixed numbers.
- Multiplying a fraction or whole number by a fraction and interpreting the product.
- Creating visual models to divide a whole number by a unit fraction.
- Reading, writing, and comparing decimals to thousandths using base-ten numerals, number names, and expanded form.
- Placing decimals on a number line to demonstrate an understanding of value.
- Using number lines that show tenths, hundredths, and thousandths.
- Dividing a whole number dividend with up to four digits by a two-digit divisor using any appropriate strategy.
- Finding the volume of different rectangular prism/cubes by counting unit cubes and applying the formulas for volume.

