

Content Emphasized in Grade 5



In *Everyday Mathematics*, students develop a broad background by learning concepts and skills in these six content strands. The fifth-grade program emphasizes the following content.

Number and Numeration

Recognizing place value in numerals for whole numbers and decimals; expressing numbers in scientific notation; finding factors of numbers; comparing properties of prime and composite numbers; representing rates and ratios with fraction notation

Operations and Computation

Extending whole-number facts with addition, subtraction, multiplication, and division to fractions and decimals; evaluating symbolic expressions

Data and Chance

Collecting, organizing, and analyzing data using bar graphs, line graphs, circle graphs, and stem-and-leaf plots

Measurement and Reference Frames

Using linear, area, capacity, and personal reference measures; locating items with reference to an origin or zero point, for example, ordinal numbers, times of day, dates, and temperatures

Geometry

Investigating angles and rotations; calculating area and volume; drawing to scale; introducing relationships of 2-dimensional and 3-dimensional figures; exploring new transformations that affect attributes of geometric shapes

Patterns, Functions, and Algebra

Determining divisibility; exploring number patterns; applying formulas to geometric figures; creating number models; working with scientific calculators; squaring and unsquaring numbers; exploring variables in formulas

For a lesson-by-lesson view of the way students learn this content, see the Grade 5 Content by Strand Poster.