

Parent's Guide to **Second Grade** Math

Number & Operations

Numbers to 1,000

- ★ Reads, writes, represents numbers up to 1,000
- ★ Uses place value (hundreds, tens, ones) to describe numbers from 10 to 1,000
- ★ Finds a number that is 10 more or 10 less than a given 3-digit number
- ★ Finds a number that is 100 more or 100 less than a given 3-digit number
- ★ Rounds numbers to the nearest 10 and 100
- ★ Compares and orders numbers

Addition and Subtraction

- ★ Uses multiple strategies to solve
- ★ Demonstrates fluency of addition and subtraction facts
- ★ Estimates sums and differences
- ★ Adds and subtracts using 2-digit numbers
- ★ Solves real-world problems
- ★ Obtains and uses information from tables, bar graphs, tally charts



Algebra

Patterns

- ★ Identifies rules
- ★ Uses patterns with repeated addition or subtraction
- ★ Solves problems using patterns

Number Sentences

- ★ Interprets number sentences with unknowns represented by letters
- ★ Represents real-world situations using number sentences
- ★ Finds values for unknowns

Geometry & Measurement

2D and 3D Shapes

- ★ Describes, compares, classifies
- ★ Understands vocabulary such as faces, sides, edges, vertices
- ★ Identifies triangles, squares, rectangles, trapezoids, hexagons, circles, rectangular prisms, cones, cylinders, spheres

Length

- ★ Understands relationship between size of units and number of units needed to measure
- ★ Measures to the nearest centimeter and inch

Time & Money

- ★ Tells time to the quarter hour
- ★ Understands a.m. and p.m.
- ★ Identifies pennies, nickels, dimes, and quarters
- ★ Finds the value of a group of coins
- ★ Determines combinations of coins