

# Parent's Guide to **First Grade** Math

## Number & Operations

### Numbers to 120

- ★ Uses place value (tens, ones) to describe numbers from 10 to 100
- ★ Reads numbers up to 120
- ★ Writes numbers up to 120
- ★ Represents numbers up to 120 with pictures, objects, number lines, tally marks
- ★ Counts forward and backward
- ★ Finds a number that is 10 more or 10 less than a given number
- ★ Compares numbers
- ★ Orders numbers
- ★ Uses words to describe size of numbers (equal to, more, less)
- ★ Creates and compares bar graphs and tally charts

### Models for Addition and Subtraction

- ★ Uses words, models, number lines to solve addition and subtraction problems
- ★ Composes and decomposes numbers to 12 with emphasis on making ten
- ★ Recognizes relationship between counting, addition, and subtraction
- ★ Skip counts by 2s, 5s, and 10s



## Algebra

### Patterns

- ★ Identifies rules to complete or extend patterns
- ★ Uses patterns that repeat, grow, or shrink

### Number Sentences

- ★ Represents real-world situations involving addition and subtraction, using objects and number sentences
- ★ Determines if equation are true
- ★ Identifies missing number in equations
- ★ Uses addition and subtraction facts to represent a problem using a number sentences

## Geometry & Measurement

### 2D and 3D Shapes

- ★ Describes characteristics of triangles, squares, rectangles, circles, rectangular prisms, cones, cylinders, spheres
- ★ Composes and decomposes 2D and 3D figures

### Measurement

- ★ Measures the length of object using multiple copies of another object
- ★ Tells time to the hour and half hour
- ★ Identifies pennies, nickels, and dimes
- ★ Finds the values of a group of coins, up to one dollar