

1st Grade Mathematics

A Guide to Understanding What Your Child Will Know at the End of First Grade

Number Sense and Algebra

- Writes, compares, and orders numbers to 120
- Use ordinal numbers correctly (e.g., third in line)
- Groups numbers into 10s and 1s using stick and circle drawings
- Adds 3 or more one digit numbers
- Uses and explains strategies for addition and subtraction combinations (to $9 + 9$ and $18 - 9$)
- Solves and creates word problems for addition and subtraction
- Creates and interprets bar graphs, picture graphs, tables, and tallies of data

Geometry

- Identifies, compares, and sorts 2 and 3 dimensional figures according to geometric attributes
- Combines and divides shapes into other shapes (divide a rectangle into 3 triangles; form a new shape with a square and a triangle)

Measurement

- Uses comparative language (shorter, lighter, holds more, etc) to order objects by length, weight, capacity
- Uses inch and centimeter rules to measure length

Problem Solving and Reasoning

- Identifies the question asked in word problems
- Uses information given to solve word problems and answer questions
- Determines reasonableness of solutions to word problems
- Selects appropriate strategies to solve word problems
- Solves non-routine problems

Communication

- Conveys answers to questions verbally and in written form as needed
- Describes verbally, pictorially, and/or in writing processes used to solve problems