

2nd Grade Mathematics

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

Number Sense and Algebra

- Uses place value representations for numbers less than 1,000, including expanded form and drawings
- Quickly recalls addition basic facts (to $9 + 9$) and related subtraction facts
- Solves addition and subtraction word problems involving change, comparison, and collections
- Solves and creates addition and subtraction equations and word problems in which the unknown number appears in a variety of positions
- Adds 2-digit numbers using an algorithm
- Collects, organizes, represents, and interprets data tables, tallies, picture graphs, and bar graphs

Geometry and Measurement

- Uses ruler (inches, feet, and centimeters) to measure length
- Tells time with both digital and analog clocks
- Describes attributes of geometric shapes

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 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