Grade 2
Mathematics

These are the expectations for a student by the end of Second Grade.

Numbers, Number Systems and Number Relationships

Recognizes and writes whole numbers to 1000 including skip counting
Develops place value concepts for ones, tens and hundreds
Orders and compares numbers up to 1000
Recognizes and counts pennies, nickels, dimes, and quarters
Make change up to $1.00
Identifies, writes, and creates fractions of a whole or a set

Computation and Estimation

Shows basic addition facts mastery up to 20
Shows basic subtraction facts mastery up to 20
Estimates and solves single, double, and triple digit addition problems with and without trading in vertical and horizontal form
Estimates and solves single, double, and triple digit subtraction problems with and without trading

Measurement and Estimation

Reads and uses a calendar
Tells time to the hour, half hour, quarter hour and 5-minute interval
Measures length, capacity, weight, and temperature in customary and metric units

Mathematical Reasoning and Connections

Utilizes strategies to solve problems and checks reasonableness of answers

Mathematical Problem Solving and Communication

Uses vocabulary and problem solving skills to solve real world tasks and explain thinking

Statistics and Data Analysis

Collects data, displays using graphs and tables, and draws conclusions
Probability and Predictions
Predicts outcomes based on simple experiments such as flipping a coin or spinning a spinner

Algebra and Functions

Identifies, creates and extends patterns based on shape, size, color, or sound

Geometry

Identifies, draws, and classifies two- and three-dimensional shapes
Recognizes and describes symmetry in the real world