

Grade 3
Mathematics

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

Numbers, Number Systems and Number Relationships

Identifies, reads, and writes whole numbers to 10,000
Orders and compares numbers to 10,000
Counts and compares collections of money that include dollars, half dollars, quarters, dimes, nickels and pennies up to a value of $5.00

Computation and Estimation

Shows basic fact mastery for multiplication and division through the 9 times tables.
Estimates and solves single, double, and triple digit addition and subtraction problems with and without regrouping
Adds and subtracts fractions with like denominators

Measurement and Estimation

Tells time to one minute intervals
Determines elapsed time to increments of 5 minutes
Measures length, height, capacity, mass, and temperature using customary and metric units to the nearest 1/2 inch or cm
Calculates perimeter, area, and/or volume of a given figure

Mathematical Reasoning and Connections

Utilizes strategies to solve problems and checks reasonableness of answers

Mathematical Problem Solving and Communication

Uses vocabulary, estimation and problem solving skills to solve real life tasks and explains thinking

Statistics and Data Analysis

Collects, describes, compares, and interprets and/or answers questions based on data shown in tables, charts, or bar graphs

Probability and Predictions

Collects, describes, compares, and interprets and/or answers questions based on probability (using spinners)

Algebra and Functions

Identifies and extends a pattern and write the rule for the pattern
Identifies a missing symbol or number to complete a number sentence

Geometry

Identifies, classifies, draws and describes the properties of two and three dimensional shapes
Identifies, describes, and determines lines of symmetry