



Fourth-Grade Accelerated Learning Outcomes

First Grading Period

This document highlights the focus standards for each grading period. Teachers may choose to review previously taught standards as well.

Accelerated Mathematics

Number and Number Sense

- Read, write and identify the place and value of each digit in a nine-digit whole number
- Compare whole numbers expressed through millions using words, greater than, less than, equal to or not equal to using the symbols ($>$, $<$, $=$, or \neq)
- Round whole numbers expressed through millions to the nearest thousand, ten thousand, and hundred thousand
- Round interior numbers expressed through millions to the nearest thousand, ten thousand, and hundred thousand
- Order up to four numbers expressed through millions
- Identify a range of numbers that round to the nearest thousand, ten thousand, and hundred thousand
- Compare fractions and mixed numbers, with and without models
- Represent equivalent fractions
- Identify the division statement that represents a fraction, with models and in context

Computation and Estimation

- Demonstrate fluency with multiplication facts through 12×12 , and the corresponding division facts

Probability and Statistics

- Collect, organize, and represent data in bar graphs and line graphs
- Interpret data represented in bar graphs and line graphs
- Compare two different representations of the same data
- Given a practical problem, represent data in line plots and stem-and-leaf-plots
- Given a practical problem, interpret data represented in line plots and stem-and-leaf plots
- Given a practical problem, compare data represented in a line plot with the same data represented in a stem-and-leaf plot
- Given a practical context, describe mean, median and mode as measures of center
- Given a practical context, describe mean as fair share
- Given a practical context, describe the range of a set of data as a measure of spread
- Given a practical context, determine the mean, median, mode and range of a set of data

Patterns, Functions and Algebra

- Identify, describe, create and extend patterns found in objects, pictures, numbers and tables
- Identify, describe, create, express and extend number patterns found in objects, pictures, numbers, and tables

