



First Nine Weeks

Whole Numbers, Place Value and Rounding (6 weeks)

- Reads numbers through the millions
- Writes numbers through the millions in standard and expanded form
- Identifies the place value name for hundredths through millions
- Rounds numbers to the nearest ten, hundred, or thousand
- Describes real life applications of applying rounding to the nearest ten, hundred, and thousand

Multiplication and Division

(3 weeks)

- Deepens understanding of multiplication patterns
- Solves problems using properties and patterns of basic multiplication facts
- Develops strategies for multiplying 2 or 3 digit numbers by 1 digit numbers mentally
- Develops a paper and pencil multiplication algorithm

Second Nine Weeks

Multiplication and Division

Continued (3 weeks)

- Becomes fluent in carrying out simple division problems
- Understands some patterns and relationships of division
- Estimates and mentally calculates using various patterns and relationships of division

- Develops and uses paper and pencil algorithm for division

- Solves problems involving division

Plane Coordinates, Geometric Figures, & Graphs

(6 weeks)

- Identifies and classifies angles
- Distinguishes between parallel and perpendicular lines and uses them in geometric figures
- Identifies differences among quadrilaterals
- Locates points in the coordinate plane
- Graphs ordered pairs in the first quadrant
- Identifies different types of graphs
- Defines a graph as either a bar, line or pictograph
- Compares and contrasts bar, line, and pictograph
- Shows evidence of finding missing data in graphs

Third Nine Weeks

Measurement :Weighty Figures

(3 weeks)

- Investigates what it means to measure weight and angles
- Understands how to use common tools to measure weight and angles
- Understands how different units within a system (customary and metric) are related to each other

Fractions and Decimals (7 weeks)

- Identifies visual and written expressions of fractions
- Understands representations of simple equivalent fractions
- Understands the concept of mixed numbers with common denominators to 12
- Adds and subtracts fractions with common denominators
- Adds and subtracts mixed numbers with common denominators
- Converts mixed numbers to improper fractions and improper fractions to mixed fractions
- Understands the relationship between decimal fractions and the base ten system
- Orders two digit decimal fractions
- Adds and subtracts two digit decimal fractions
- Multiplies and divides both one and two digit decimal fractions by whole numbers

Fourth Nine Weeks

Algebra

(3 weeks)

- Represents mathematical relationships between quantities using mathematical expressions in problem-solving situations
- Applies patterns and rules to describe relationships and solve problems
- Represents unknowns using symbols
- Writes and evaluates mathematical expressions using symbols

Preview Fifth Grade

- Multiplication
- Division
- Common and uncommon fractions

Unit timelines are suggestions.

Teaching, Learning, Caring

All units will include Skills to Maintain, the Process standards, the Algebra strand and Writing Across the Curriculum.