PACING GUIDE

MATH 6

Numerical Expressions and Factors
15 days

- Powers and Exponents
- Order of Operations
- Properties of Operations
- Prime Factorization
- Greatest Common Factor
- Least Common Multiple

Fractions and Decimals
16 days

- Adding and Subtracting Fractions
- Multiplying Fractions
- Dividing Mixed Numbers
- Adding and Subtracting Decimals
- Multiplying Decimals
- Dividing Decimals

Ratios and Rates
19 days

- Ratios
- Using Tape Diagrams
- Using Ratio Tables
- Rates and Unit Rates
- Converting Measures within Systems

Percents
13 days

- Percents and Fractions
- Percents and Decimals
- Comparing and Ordering Fractions, Decimals, and Percents
- Solving Percent Problems

Integers, Number Lines, and the Coordinate Plane
16 days

- Integers
- Comparing and Ordering Integers
- Rational Numbers
- Absolute Value
- The Coordinate Plane
- Polygons and the Coordinate Plane

Operations with Integers
15 days

- Adding Integers
- Subtracting Integers
- Multiplying Integers
- Using Integer Operations

PACING GUIDE

MATH 6

Algebraic Expressions and Properties
13 days

- Algebraic Expressions
- Writing Expressions
- Writing Equivalent Expressions
- Factoring Expressions

Equations and Inequalities
16 days

- Writing Equations in One Variable
- Finding Unknown Values in Equations
- Solving Equations Using Addition or Multiplication
- Solving Equations Using Multiplication or Division
- Writing and Graphing Inequalities

Area, Surface Area, and Volume
16 days

- Areas of Triangles
- Areas of Quadrilaterals and Composite Figures
- Three-Dimensional Figures
- Surface Areas of Rectangular Prisms
- Surface Areas of Rectangular Pyramids
- Volumes of Rectangular Prisms

Statistical Measures and Data Displays
16 days

- Introduction to Statistics
- Mean
- Measures of Center
- Measures of Variation
- Histograms
- Shapes of Distributions
- Box-and-Whisker Plots