

# 6<sup>th</sup> Grade

## Mathematics

### 1<sup>st</sup> 9 Weeks

- Integers and Graphing
- Absolute Value
- Compare and Order Integers
- Decimals and Fractions
- Classify Rational Numbers
- Compare and Order Rational Numbers
- The Coordinate Plane
- Multiply and Divide Rational Numbers
- Add and Subtract Integers
- Multiply and Divide Integers

### 2<sup>nd</sup> 9 Weeks

- Ratios
- Rates
- Graph Ratio Tables
- Equivalent Ratios and Rates
- Prediction and Comparison
- Convert Measurement Units
- Percents and Fractions
- Percents and Decimals
- Find the Part of a Whole
- Find the Percent and the Whole

### 3<sup>rd</sup> 9 Weeks

- Algebraic Relationships
  1. Tables
  2. Rules
  3. Equations
- Multiple Representations
- Additive Relationships
- Multiplicative Relationships
- Powers and Exponents
- Prime Factorization
- Order of Operations
- Algebraic Expressions
- Properties
- Simplify Expressions
- Write Equations and Represent Solutions
- Solve Addition and Subtraction Equations
- Solve Multiplication and Division Equations
- Inequalities: One-Step

### 4<sup>th</sup> 9 Weeks

- Angle Relationships
- Side and Angle Relationships of Triangles
- Triangle Inequalities
- Area of Rectangles
- Area of Parallelograms
- Area of Triangles
- Area of Trapezoids
- Volume of Rectangular Prisms
- Statistical Variability
- Ways to Represent Data
- Financial Literacy:
  1. Checking Accounts
  2. Debit and Credit Cards
  3. Credit Reports
  4. Paying for College
  5. Compare Annual Salaries