



## 6<sup>th</sup> Grade Math Curriculum Map

### Unit 1 – Ratios and Proportional Relationships

- 1-1 Ratios
- 1-2 Unit Rate
- 1-3 Equivalent Ratios and Tables
- 1-4 Comparing Ratios
- 1-5 Proportions
- 1-6 Percent and Rates Per 100
- 1-7 A Fraction as a Percent
- 1-8 Ratio and Measurement Units

### Unit 2 – Operations of Fractions and Decimals

- 2-1 Dividing Fractions
- 2-2 Dividing Whole Number and Fractions
- 2-3 Dividing Mixed Numbers and Fractions
- 2-4 Dividing Multi-Digit Numbers
- 2-5 Add and Subtract Multi-Digit Decimals
- 2-6 Multiply and Divide Multi-Digit Decimals
- 2-7 Least Common Multiple and Greatest Common Factor
- 2-8 The Distributive Property and the Products of Decimals



## Unit 3 – Rational Numbers

- 3-1 Positive and Negative Numbers
- 3-2 Operations on Positive and Negative Numbers
- 3-3 Rational Numbers
- 3-4 Writing and Interpreting Inequalities in Rational Numbers
- 3-5 Absolute Value of Rational Numbers
- 3-6 Rational Numbers and the Coordinate Plane
- 3-7 Symmetry in the Coordinate Plane
- 3-8 Distance on the Coordinate Plane

## Unit 4 – Expressions and Equations

- 4-1 The Relationship of Operations
- 4-2 Exponents
- 4-3 The Order of Operations
- 4-4 Substitute Letters and Numbers
- 4-5 Expanded and Standard Form of Multiplication Expressions
- 4-6 Equivalent Expressions
- 4-7 Writing and Evaluating Expressions
- 4-8 Solutions of Equations
- 4-9 Solving One-Step Equations
- 4-10 Solving Two-Step and Multi-Step Equations



## Unit 5 – Inequalities

- 5-1 Inequalities
- 5-2 Solving One-Variable Inequalities
- 5-3 Solutions of Inequalities
- 5-4 Solutions of Inequalities on a Number Line
- 5-5 Applications of Inequalities

## Unit 6 – Geometry

- 6-1 Area of Special Quadrilaterals
- 6-2 Area of Right Triangles
- 6-3 The Area of All Triangles
- 6-4 The Area of Polygons Through Composition and Decomposition
- 6-5 Volume of Right Rectangular Prisms
- 6-6 Polygons on the Coordinate Plane
- 6-7 Perimeter and Area of Polygons on the Coordinate Plane
- 6-8 Nets and Surface Area

## Unit 7– Data Displays

- 7-1 Statistical Questions
- 7-2 Data Distribution and Dot Plots
- 7-3 Data Distribution and Histograms
- 7-4 The Mean and Mean Absolute Deviation
- 7-5 The Median, Range, and Interquartile Range



- 7-6 Understanding Box Plots
- 7-7 Comparing Data Distributions
- 7-8 Making a Statistical Project