

6th Grade Math Curriculum Map

Unit 1 – Ratios, Rate, Percent and Proportions

- 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 Positive and Negative Numbers on the Number Line**
- 3-3 Comparing and Ordering Rational Numbers**
- 3-4 Writing and Interpreting Inequality Statements**
- 3-5 Absolute Value of Rational Numbers**
- 3-6 Absolute Value and Ordering Numbers**
- 3-7 Rational Numbers and the Coordinate Plane**
- 3-8 Ordered Pairs on the Coordinate Plane**
- 3-9 Distance on the Coordinate Plane**

Unit 4 – Expressions and Equations

- 4-1 Writing and Evaluating Numerical Expressions with Exponents**
- 4-2 Writing and Evaluating Algebraic Expressions**
- 4-3 The Order of Operations**
- 4-4 Equivalent Expressions**
- 4-5 Solutions of Equations**
- 4-6 Solving One - Variable Equations**
- 4-7 Dependent and Independent Variables**



Unit 5 – Inequalities

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

Unit 6– Geometry

- 6-1 The Area of Special Quadrilaterals
- 6-2 The 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 Display Data on Dot Plots, Histograms, and Box Plots

7-3 Mean and Median

7-4 Range and Interquartile Range

7-5 Mean Absolute Deviation

7-6 Comparing Data Displays

7-7 Shape of Data Distributions

7-8 Describing Distributions