**6th Grade Math Curriculum Map**

**Unit 1 – Ratios and Proportional Relationships**

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| --- | --- | --- | --- |
| **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** |  |  |
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**Unit 2 – Operations of Fractions and Decimals**

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| **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**

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| --- | --- | --- | --- |
| **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**

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| **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** |  |  |
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**Unit 5 – Inequalities**

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| --- | --- | --- | --- |
| **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**

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| **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**

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| **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** |  |  |
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