**6th Grade Math Curriculum Map – with CCSS**

**Unit 1 – Ratios and Proportional Relationships**

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| **1-1** | **Ratios**  [CCSS.MATH.CONTENT.6.RP.A.1](http://www.corestandards.org/Math/Content/6/RP/A/1/) |  |  |
| **1-2** | **Unit Rate**  CCSS.MATH.CONTENT.6.RP.A.2 |  |  |
| **1-3** | **Equivalent Ratios and Tables**  CCSS.MATH.CONTENT.6.RP.A.3  CCSS.MATH.CONTENT.6.RP.A.3.A |  |  |
| **1-4** | **Comparing Ratios**  CCSS.MATH.CONTENT.6.RP.A.3  CCSS.MATH.CONTENT.6.RP.A.3.A |  |  |
| **1-5** | **Proportions**  CCSS.MATH.CONTENT.6.RP.A.3  CCSS.MATH.CONTENT.6.RP.A.3.A |  |  |
| **1-6** | **Percent and Rates Per 100**  [CCSS.MATH.CONTENT.6.RP.A.3.C](http://www.corestandards.org/Math/Content/6/RP/A/3/c/) |  |  |
| **1-7** | **A Fraction as a Percent**  [CCSS.MATH.CONTENT.6.RP.A.3.C](http://www.corestandards.org/Math/Content/6/RP/A/3/c/) |  |  |
| **1-8** | **Ratio and Measurement Units**  [CCSS.MATH.CONTENT.6.RP.A.3.D](http://www.corestandards.org/Math/Content/6/RP/A/3/c/) |  |  |
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**Unit 2 – Operations of Fractions and Decimals**

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| **2-1** | **Dividing Fractions**  CCSS.MATH.CONTENT.6.NS.A.1 |  |  |
| **2-2** | **Dividing Whole Number and Fractions**  CCSS.MATH.CONTENT.6.NS.A.1 |  |  |
| **2-3** | **Dividing Mixed Numbers and Fractions**  CCSS.MATH.CONTENT.6.NS.A.1 |  |  |
| **2-4** | **Dividing Multi-Digit Numbers**  CCSS.MATH.CONTENT.6.NS.B.2 |  |  |
| **2-5** | **Add and Subtract Multi-Digit Decimals**  CCSS.MATH.CONTENT.6.NS.B.3 |  |  |
| **2-6** | **Multiply and Divide Multi-Digit Decimals**  CCSS.MATH.CONTENT.6.NS.B.3 |  |  |
| **2-7** | **Least Common Multiple and Greatest Common Factor**  CCSS.MATH.CONTENT.6.NS.B.4 |  |  |
| **2-8** | **The Distributive Property and the Products of Decimals**  CCSS.MATH.CONTENT.6.NS.B.4 |  |  |

**Unit 3 – Rational Numbers**

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| **3-1** | **Positive and Negative Numbers**  [CCSS.MATH.CONTENT.6.NS.C.5](http://www.corestandards.org/Math/Content/6/NS/C/5/) [CCSS.MATH.CONTENT.6.NS.C.6.A](http://www.corestandards.org/Math/Content/6/NS/C/6/a/) |  |  |
| **3-2** | **Operations on Positive and Negative Numbers**  [CCSS.MATH.CONTENT.6.NS.C.5](http://www.corestandards.org/Math/Content/6/NS/C/5/) [CCSS.MATH.CONTENT.6.NS.C.6.A](http://www.corestandards.org/Math/Content/6/NS/C/6/a/) |  |  |
| **3-3** | **Rational Numbers**  [CCSS.MATH.CONTENT.6.NS.C.7](http://www.corestandards.org/Math/Content/6/NS/C/7/)  [CCSS.MATH.CONTENT.6.NS.C.7](http://www.corestandards.org/Math/Content/6/NS/C/7/).A |  |  |
| **3-4** | **Writing and Interpreting Inequalities in Rational Numbers**  [CCSS.MATH.CONTENT.6.NS.C.7](http://www.corestandards.org/Math/Content/6/NS/C/7/).A  [CCSS.MATH.CONTENT.6.NS.C.7](http://www.corestandards.org/Math/Content/6/NS/C/7/).B |  |  |
| **3-5** | **Absolute Value of Rational Numbers**  [CCSS.MATH.CONTENT.6.NS.C.7](http://www.corestandards.org/Math/Content/6/NS/C/7/).D |  |  |
| **3-6** | **Rational Numbers and the Coordinate Plane**  [CCSS.MATH.CONTENT.6.NS.C.8](http://www.corestandards.org/Math/Content/6/NS/C/7/) |  |  |
| **3-7** | **Symmetry in the Coordinate Plane**  [CCSS.MATH.CONTENT.6.NS.C.6.B](http://www.corestandards.org/Math/Content/6/NS/C/6/b/) |  |  |
| **3-8** | **Distance on the Coordinate Plane**  [CCSS.MATH.CONTENT.6.NS.C.6.B](http://www.corestandards.org/Math/Content/6/NS/C/6/b/) |  |  |

**Unit 4 – Expressions and Equations**

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| **4-1** | **The Relationship of Operations**  [CCSS.MATH.CONTENT.6.EE.A.3](http://www.corestandards.org/Math/Content/6/EE/A/3/)  [CCSS.MATH.CONTENT.6.EE.A.4](http://www.corestandards.org/Math/Content/6/EE/A/4/) |  |  |
| **4-2** | **Exponents**  [CCSS.MATH.CONTENT.6.EE.A.4](http://www.corestandards.org/Math/Content/6/EE/A/4/) |  |  |
| **4-3** | **The Order of Operations**  CCSS.MATH.CONTENT.6.EE.A.2.C |  |  |
| **4-4** | **Substitute Letters and Numbers**  [CCSS.MATH.CONTENT.6.EE.A.2.C](http://www.corestandards.org/Math/Content/6/EE/A/2/c/)  [CCSS.MATH.CONTENT.6.EE.A.4](http://www.corestandards.org/Math/Content/6/EE/A/4/) |  |  |
| **4-5** | **Expanded and Standard Form of Multiplication Expressions**  CCSS.MATH.CONTENT.6.EE.A.2.A  CCSS.MATH.CONTENT.6.EE.A.2.B |  |  |
| **4-6** | **Equivalent Expressions**  [CCSS.MATH.CONTENT.6.EE.A.3](http://www.corestandards.org/Math/Content/6/EE/A/3/)  [CCSS.MATH.CONTENT.6.EE.A.4](http://www.corestandards.org/Math/Content/6/EE/A/4/)  [CCSS.MATH.CONTENT.6.EE.A.2.C](http://www.corestandards.org/Math/Content/6/EE/A/2/c/) |  |  |
| **4-7** | **Writing and Evaluating Expressions**  CCSS.MATH.CONTENT.6.EE.A.2.A  CCSS.MATH.CONTENT.6.EE.A.2.C  CCSS.MATH.CONTENT.6.EE.B.6 |  |  |
| **4-8** | **Solutions of Equations**  CCSS.MATH.CONTENT.6.EE.B.5  CCSS.MATH.CONTENT.6.EE.B.6 |  |  |
| **4-9** | **Solving One-Step Equations**  CCSS.MATH.CONTENT.6.EE.B.5  CCSS.MATH.CONTENT.6.EE.B.6  CCSS.MATH.CONTENT.6.EE.B.7 |  |  |
| **4-10** | **Solving Two-Step and Multi-Step Equations**  CCSS.MATH.CONTENT.6.EE.B.5  CCSS.MATH.CONTENT.6.EE.B.6  CCSS.MATH.CONTENT.6.EE.B.7 |  |  |
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**Unit 5 – Inequalities**

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| **5-1** | **Inequalities**  CCSS.MATH.CONTENT.6.EE.B.5 CCSS.MATH.CONTENT.6.NS.C.7.A  [CCSS.MATH.CONTENT.6.NS.C.7.B](http://www.corestandards.org/Math/Content/6/NS/C/7/b/) |  |  |
| **5-2** | **Solving One-Variable Inequalities**  CCSS.MATH.CONTENT.6.EE.B.5  CCSS.MATH.CONTENT.6.EE.B.6  CCSS.MATH.CONTENT.6.EE.B.8 |  |  |
| **5-3** | **Solutions of Inequalities**  CCSS.MATH.CONTENT.6.EE.B.5  CCSS.MATH.CONTENT.6.EE.B.8 |  |  |
| **5-4** | **Solutions of Inequalities on a Number Line**  CCSS.MATH.CONTENT.6.EE.B.8 |  |  |
| **5-5** | **Applications of Inequalities**  CCSS.MATH.CONTENT.6.EE.B.8 |  |  |

**Unit 6 – Geometry**

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| **6-1** | **Area of Special Quadrilaterals**  [CCSS.MATH.CONTENT.6.G.A.1](http://www.corestandards.org/Math/Content/6/G/A/1/) |  |  |
| **6-2** | **Area of Right Triangles**  [CCSS.MATH.CONTENT.6.G.A.1](http://www.corestandards.org/Math/Content/6/G/A/1/) |  |  |
| **6-3** | **The Area of All Triangles**  [CCSS.MATH.CONTENT.6.G.A.1](http://www.corestandards.org/Math/Content/6/G/A/1/) |  |  |
| **6-4** | **The Area of Polygons Through Composition and Decomposition**  [CCSS.MATH.CONTENT.6.G.A.1](http://www.corestandards.org/Math/Content/6/G/A/1/) |  |  |
| **6-5** | **Volume of Right Rectangular Prisms**  [CCSS.MATH.CONTENT.6.G.A.2](http://www.corestandards.org/Math/Content/6/G/A/1/) |  |  |
| **6-6** | **Polygons on the Coordinate Plane**  [CCSS.MATH.CONTENT.6.G.A.3](http://www.corestandards.org/Math/Content/6/G/A/1/) |  |  |
| **6-7** | **Perimeter and Area of Polygons on the Coordinate Plane**  [CCSS.MATH.CONTENT.6.G.A.3](http://www.corestandards.org/Math/Content/6/G/A/1/) |  |  |
| **6-8** | **Nets and Surface Area**  [CCSS.MATH.CONTENT.6.G.A.4](http://www.corestandards.org/Math/Content/6/G/A/1/) |  |  |

**Unit 7– Data Displays**

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| **7-1** | **Statistical Questions**  CCSS.MATH.CONTENT.6.SP.A.1 |  |  |
| **7-2** | **Data Distribution and Dot Plots**  CCSS.MATH.CONTENT.6.SP.B.4 |  |  |
| **7-3** | **Data Distribution and Histograms**  CCSS.MATH.CONTENT.6.SP.B.4 |  |  |
| **7-4** | **The Mean and Mean Absolute Deviation**  [CCSS.MATH.CONTENT.6.SP.A.2](http://www.corestandards.org/Math/Content/6/SP/A/2/)  [CCSS.MATH.CONTENT.6.SP.A.3](http://www.corestandards.org/Math/Content/6/SP/A/2/)  [CCSS.MATH.CONTENT.6.SP.B.5.C](http://www.corestandards.org/Math/Content/6/SP/B/5/c/) |  |  |
| **7-5** | **The Median, Range, and Interquartile Range**  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/)  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).A  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).B  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).C  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).D |  |  |
| **7-6** | **Understanding Box Plots**  CCSS.MATH.CONTENT.6.SP.B.4  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/)  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).A  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).B  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).C  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).D |  |  |
| **7-7** | **Comparing Data Distributions**  CCSS.MATH.CONTENT.6.SP.B.4  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/)  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).A  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).B  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).C  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).D |  |  |
| **7-8** | **Making a Statistical Project**  CCSS.MATH.CONTENT.6.SP.A.1  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).A  [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/).B |  |  |
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