



## 6th Grade Math (1205010) 2023-2024 Scope and Sequence



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	Unit	Benchmark	Instructional Guides	Assessment
1	1- <b>Compute with Decimals &amp; Fractions</b> (Approx. 17 days)	<a href="#">MA.6.NSO.2.1</a> - Multiply & divide multi-digit decimals	<a href="#">Multiply &amp; Divide Multi-Digit Decimals</a> (4 days) <a href="#">Factors and Multiples</a> (3 days) <a href="#">Multiply &amp; Divide Fractions and Mixed Numbers</a> (5 days) <a href="#">Apply Decimal and Fraction Operations</a> (1 day)	<a href="#">Unit 1 Blueprint</a> <a href="#">Unit 1 Test</a>
		<a href="#">MA.6.NSO.2.2</a> - Multiply & divide fractions and mixed numbers		
		<a href="#">MA.6.NSO.2.3</a> - Real-world fractions & decimals		
<a href="#">MA.6.NSO.3.1</a> - GCF & LCM				
2	2- <b>Integers &amp; Rational Numbers</b> (Approx. 10 days)	<a href="#">MA.6.NSO.1.1</a> - Define Rational Numbers	<a href="#">Integers and Rational Numbers</a> (2 days) <a href="#">Compare and Order Integers &amp; Rational Numbers</a> (2 days) <a href="#">Absolute Value &amp; Solve Problems with Absolute Value</a> (2 days)	<a href="#">Unit 2 Blueprint</a> <a href="#">Unit 2 Test</a>
		<a href="#">MA.6.NSO.1.2</a> - Opposites		
		<a href="#">MA.6.NSO.1.3</a> - Interpret Absolute Value		
		<a href="#">MA.6.NSO.1.4</a> - Solve Problems with Absolute Value		
2	3- <b>Compute with Integers</b> (Approx. 15 days)	<a href="#">MA.6.NSO.4.1</a> - Add & Subtract Integers	<a href="#">Add &amp; Subtract Integers</a> (6 days)	<a href="#">Unit 3 Blueprint</a> <a href="#">Unit 3 Test</a>
		<a href="#">MA.6.NSO.4.2</a> - Multiply & Divide Integers	<a href="#">Multiply &amp; Divide Integers</a> (4 days)	
2	4- <b>Numerical &amp; Algebraic Expressions</b> (Approx. 15 days)	<a href="#">MA.6.NSO.3.2</a> - Distributive Property in Numerical Expressions	<a href="#">Powers and Exponents</a> (2 days) <a href="#">Write &amp; Evaluate Algebraic Expressions</a> (3 days) <a href="#">Use the Distributive Property &amp; Equivalent Algebraic Expressions</a> (4 days)	<a href="#">Unit 4 Blueprint</a> <a href="#">Unit 4 Test</a>
		<a href="#">MA.6.NSO.3.3</a> - Evaluate with Exponents		
		<a href="#">MA.6.NSO.3.4</a> - Prime Factorization with Exponents		
		<a href="#">MA.6.AR.1.1</a> - Real-world Algebraic Expressions		
		<a href="#">MA.6.AR.1.3</a> - Substitution to Evaluate Expressions		
3	5- <b>Equations &amp; Inequalities</b> (Approx. 15 days)	<a href="#">MA.6.AR.1.2</a> - Representing Inequalities	<a href="#">Use Substitution to Solve Equations</a> (2 days) <a href="#">Use Addition or Subtraction Equations to Solve Problems</a> (4 days) <a href="#">Use Multiplication or Division Equations to Solve Problems</a> (4 days) <a href="#">Equations with Rational Numbers</a> (2 days) <a href="#">Inequalities</a> (3 days) <a href="#">Solutions to Inequalities</a> (2 days)	<a href="#">Unit 5 Blueprint</a> <a href="#">Unit 5 Test</a>
		<a href="#">MA.6.AR.2.1</a> - Substitute to evaluate equations/inequalities		
		<a href="#">MA.6.AR.2.2</a> - Write & solve one-step +/- equations		
		<a href="#">MA.6.AR.2.3</a> - Write & solve one-step multi/div equations		
		<a href="#">MA.6.AR.2.4</a> - Equations w/ fractions and decimals		
3	6- <b>Ratios &amp; Rates</b> (Begins in Q2- Approx. 16 days)	<a href="#">MA.6.AR.3.1</a> - Write & interpret ratios	<a href="#">Ratios</a> (6 days) <a href="#">Convert Within the Customary System or Metric System</a> (2 days) <a href="#">Rates, Unit Rates, &amp; Solve Rate Problems</a> (4 days)	<a href="#">Unit 6 Blueprint</a> <a href="#">Unit 6 Test</a>
		<a href="#">MA.6.AR.3.2</a> - Rates & Unit rates		
		<a href="#">MA.6.AR.3.3</a> - Ratio tables		
		<a href="#">MA.6.AR.3.5</a> - Problem solving using ratios		
3	7- <b>Percents</b> (Approx. 13 days)	<a href="#">MA.6.AR.3.4</a> - Apply ratio relationships	<a href="#">Percents</a> (2 days) <a href="#">Relate Fractions, Decimals, and Percents</a> (2 days) <a href="#">Find the Percent of a Number</a> (5 days)	<a href="#">Unit 7 Blueprint</a> Unit 7 Test
		<a href="#">MA.6.AR.3.5</a> - Problems solving using ratios		
		<a href="#">MA.6.NSO.1.1</a> - Define rational numbers		
		<a href="#">MA.6.NSO.3.5</a> - Rational numbers in equivalent forms		
3	8- <b>Coordinate Geometry</b> (Approx. 12 days)	<a href="#">MA.6.GR.1.1</a> - Coordinate Plane	<a href="#">The Coordinate Plane Reflections of Points</a> (4 days) <a href="#">Distance, Perimeter &amp; Area on the Coordinate Plane</a> (4 days)	Unit 8 Blueprint Unit 8 Test
		<a href="#">MA.6.GR.1.2</a> - Distance on Coordinate Plane		
		<a href="#">MA.6.GR.1.3</a> - Mathematical/Real-world on Coordinate Plane		
		Supporting Benchmark: <a href="#">MA.6.NSO.1.4</a>		
4	9- <b>Area, Volume, &amp; Surface Area</b> (Approx. 17 days)	<a href="#">MA.6.GR.2.1</a> - Area of triangles	<a href="#">Area of Triangles, Quadrilaterals &amp; Composite Figures</a> (3 days) <a href="#">Volume of Right Rectangular Prisms</a> (2 days) <a href="#">Surface Area of Right Rectangular Prisms and Pyramids</a> (4 days)	Unit 9 Blueprint Unit 9 Test
		<a href="#">MA.6.GR.2.2</a> - Area of quadrilaterals & composite figures		
		<a href="#">MA.6.GR.2.3</a> - Volume of rectangular prisms		



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	<a href="#">MA.6.GR.2.4</a> - Surface area of rectangular prisms & pyramids		
<b>10- Statistical Measures &amp; Displays</b> <i>(Approx. 17 days)</i>	<a href="#">MA.6.DP.1.1</a> - Statistical questions	<a href="#">Statistical Questions</a> (1 day) <a href="#">Histograms</a> (2 days) <a href="#">Measures of Center</a> (2 days) <a href="#">Interquartile Range and Box Plots</a> (2 days) <a href="#">Interpret Data Distributions &amp; Changes in Data Values</a> (4 days)	Unit 10 Blueprint Unit 10 Test ID#
	<a href="#">MA.6.DP.1.2</a> - Mean, median, mode & range		
	<a href="#">MA.6.DP.1.3</a> - Box Plots		
	<a href="#">MA.6.DP.1.4</a> - Histograms and line plots		
	<a href="#">MA.6.DP.1.5</a> - Create box plots & histograms		
	<a href="#">MA.6.DP.1.6</a> - Changes in data		

\*Days are estimated and may be adjusted based on the release of the 2023-2024 state assessment calendar.