PERSONAL | PASSIONATE | PROGRESSIVE

6th Grade Accelerated Math (1205020)
2023-2024 Scope and Sequence

Website | B1G-M | **Exemplars** | Pacing Calendar | FAST Resources | Supports | Feedback

	Unit	Benchmark	Instructional Guides	Assessment
1	**1- Compute with Decimals & Fractions** *(Approx. 17 days)*	MA.6.NSO.2.1- Multiply & divide multi-digit decimals MA.6.NSO.2.2- Multiply & divide fractions and mixed numbers MA.6.NSO.2.3- Real-world fractions & decimals MA.6.NSO.3.1 - GCF & LCM	Multiply & Divide Multi-Digit Decimals (2 days) Factors and Multiples (2 days) Multiply & Divide Fractions and Mixed Numbers (4 days) Apply Decimal and Fraction Operations (1 days)	Unit 1 Blueprint Unit 1 Test
	2- Integers & Rational Numbers *(Approx. 10 days)*	MA.6.NSO.1.1- Define Rational Numbers MA.6.NSO.1.2 - Opposites MA.6.NSO.1.3 - Interpret Absolute Value MA.6.NSO.1.4 - Solve Problems with Absolute Value	Integers and Rational Numbers (1 day) Compare and Order Integers & Rational Numbers (2 days) Absolute Value & Solve Problems with Absolute Value (2 days)	Unit 2 Blueprint Unit 2 Test
	3- Compute with Rational Numbers *(Approx. 15 days)*	MA.6.NSO.4.1 - Add & Subtract Integers MA.6.NSO.4.2 - Multiply & Divide Integers MA.7.NSO.2.2- Operations with Rational Numbers	Add & Subtract Integers (3 days) Multiply & Divide Integers (2 days) Add & Subtract Rational Numbers (3 days) Multiply & Divide Rational Numbers (2 days)	Unit 3 Blueprint Unit 3 Test
2		MA.7.NSO.2.3- Real-world Problems with Rational Numbers	Apply Rational Numbers (1 days)	
	4- Numerical & Algebraic Expressions *(Approx. 15 days)*	MA.6.NSO.3.2 - Distributive Property in Numerical Expressions MA.6.NSO.3.3- Evaluate with Exponents MA.6.NSO.3.4- Prime Factorization with Exponents MA.6.AR.1.1 - Real-world Algebraic Expressions MA.7.AR.1.1- Add & Subtract Linear Expressions MA.7.AR.1.2- Equivalent Expressions MA.6.AR.1.3 - Substitution to Evaluate Expressions MA.6.AR.1.4 - Equivalent Algebraic Expressions Supporting Benchmarks: MA.6.NSO.1.4, MA.7.NSO.2.1	Powers and Exponents (1 day) Numerical Expressions (1 day) Write & Evaluate Algebraic Expressions (2 days) Linear Algebraic Expressions (4 days) Equivalent Algebraic Expressions (2 days) Use the Distributive Property & Equivalent Algebraic Expressions (2 days)	Unit 4 Blueprint Unit 4 Test
	5- One-step Equations & Inequalities *(Approx. 15 days)*	MA.6.AR.2.2 - Write & solve one-step +/- equations MA.6.AR.2.3 - Write & solve one-step multi/div equations MA.6.AR.2.4 - Equations w/ fractions and decimals MA.6.AR.1.2 - Representing Inequalities MA.6.AR.2.1 - Substitute to evaluate equations/inequalities MA.7.AR.2.1 - Write & Solve One-Step Inequalities	Use Substitution to Solve Equations (1 day) Use Addition/Subtraction Equations to Solve Problems (2 days) Use Multiplication/Division Equations to Solve Problems (2 days) Equations with Rational Numbers (2 days) Inequalities (2 days) Solutions to Inequalities (1 day) Addition/Subtraction Inequalities (2 days) Multiplication/Division Inequalities (3 days)	Unit 5 Blueprint Unit 5 Test
3	**6- Ratios & Rates** *(Approx. 16 days)*	MA.6.AR.3.1 - Write & interpret ratios MA.6.AR.3.2 - Rates & Unit rates MA.6.AR.3.3 - Ratio tables MA.6.AR.3.5 - Problem solving using ratios MA.7.AR.3.2 -Real-world Proportions	Ratios (3 days) Convert Within the Customary System or Metric System (2 days) Rates, Unit Rates, & Solve Rate Problems (2 days) Real-world Proportions (1 day)	Unit 6 Blueprint Unit 6 Test
	7- Percents *(Approx. 13 days)*	MA.6.AR.3.4 - Apply ratio relationships MA.6.AR.3.5 - Problems solving using ratios	Percents (2 days) Relate Fractions, Decimals, and Percents (2 days)	Unit 7 Blueprint Unit 7 Test

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		MA.6.NSO.1.1 - Define rational numbers	Find the Percent of a Number (4 days)	
		MA.6.NSO.3.5 -Rational numbers in equivalent forms		
	8- Coordinate Geometry *(Approx. 12 days)*	MA.GR.6.1.1 - Coordinate Plane	The Coordinate Plane Reflections of Points (3 days) Distance, Perimeter & Area on the Coordinate Plane (3 days)	Unit 8 Blueprint Unit 8 Test
		MA.6.GR.1.2 - Distance on Coordinate Plane		
		MA.6.GR.1.3 - Mathematical/Real-world on Coordinate Plane		
		Supporting Benchmarks: MA.6.NSO.1.4		
	9- Area, Volume, & Surface Area *(Approx. 17 days)*	MA.6.GR.2.1 - Area of triangles	Area of Triangles, Quadrilaterals & Composite Figures (3 days) Volume of Right Rectangular Prisms (2 days) Surface Area of Right Rectangular Prisms and Pyramids (4 days) Area of Parallelograms & Trapezoids (2 days) Area of Polygons & Composite Figures (2 days)	Unit 9 Blueprint Unit 9 Test
		MA.6.GR.2.2 - Area of quadrilaterals & composite figures		
		MA.7.GR.1.1- Area of Parallelograms & Trapezoids		
		MA.7.GR.1.2- Polygons/Composite Figures Mathematical & Real-World		
		MA.6.GR.2.3 - Volume of rectangular prisms		
		MA.6.GR.2.4 - Surface area of rectangular prisms & pyramids		
4	**10- Statistical Measures & Displays** *(Approx. 17 days)*	MA.6.DP.1.1 - Statistical questions	Statistical Questions (1 day) Histograms (2 days) Measures of Center (2 days) Interquartile Range and Box Plots (2 days) Interpret Data Distributions & Changes in Data Values (2 days) Measures of Center and Variation (2 days) Compare Two Populations (2 days) Make Predictions (1 day)	Unit 10 Blueprint Unit 10 Test
		MA.6.DP.1.2 - Mean, median, mode & range		
		MA.7.DP.1.1- Measure of Center of Variation		
		MA.6.DP.1.3 - Box Plots		
		MA.6.DP.1.4 - Histograms and line plots		
		MA.6.DP.1.5 - Create box plots & histograms		
		MA.7.DP.1.2- Make Comparisons and Interpret Results		
		MA.7.DP.1.3- Make Predictions		
		MA.6.DP.1.6 - Changes in data		
	Solve Percent Problems *(approx. 10 days*	MA.7.AR.3.1- Percent Problems	Connect Ratios & Percents (2 days) Percent Error and Percent of Change (2 days) Tax, Tips, Markups, Commissions, & Fees (3 days) Discounts (1 days) Interest (1 days)	Unit 11 Blueprint Unit 11 Test
	Probability *(approx. 10 days)*	MA.7.DP.2.1- Sample Space	Simple Events (2 days) Sample Space (1 days) Theoretical Probability (2 days) Experimental Probability and Simulations (2 days)	Unit 12 Blueprint Unit 12 Test
		MA.7.DP.2.2- Chance Events		
		MA.7.DP.2.3- Simple Experiments		
		MA.7.DP.2.4- Compare Theoretical & Experimental Probability		

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