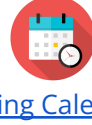




7th Grade Math (1205040) 2023-2024 Scope and Sequence



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	Unit	Benchmark	Instructional Guides	Assessment
1	1- Proportional Relationships <i>(approx. 18 days)</i>	MA.7.AR.3.2 - Real-world Proportions	Ratios and Proportional Relationships & Conversions (2 days) Proportional Relationships (10 days) Solve Problems Involving Proportional Relationships (2 days)	Unit 1 Blueprint Unit 1 Test
		MA.7.AR.3.3 - Conversions		
MA.7.AR.4.1 - Proportional Relationships				
MA.7.AR.4.2 - Constant of Proportionality				
MA.7.AR.4.3 - Graph Proportional Relationships				
MA.7.AR.4.4 - Multiple Forms of Proportional Relationships				
	2- Solve Percent Problems <i>(approx. 17 days)</i>	MA.7.AR.3.1 - Percent Problems	Connect Ratios & Percents (2 days) Percent Error and Percent of Change (3 days) Tax, Tips, Markups, Commissions, & Fees (4 days) Discounts (2 days) Interest (2 days)	Unit 2 Blueprint Unit 2 Test
2	3- Rational Numbers <i>(approx. 16 days)</i>	MA.7.NSO.1.1 - Laws of Exponents	Rational Numbers (2 days) Add & Subtract Rational Numbers (3 days) Multiply & Divide Rational Numbers (3 days) Products, Quotients of Powers, & Powers of Powers (3 days) Apply Rational Numbers (1 day)	Unit 3 Blueprint Unit 3 Test
		MA.7.NSO.1.2 - Rewrite Rational Numbers in Equivalent Forms		
		MA.7.NSO.2.1 - Order of Operations		
		MA.7.NSO.2.2 - Operations with Rational Numbers		
		MA.7.NSO.2.3 - Real-world Problems with Rational Numbers		
	4- Algebraic Expressions <i>(approx. 11 days)</i>	MA.7.AR.1.1 - Add & Subtract Linear Expressions	Linear Algebraic Expressions (6 days) Equivalent Algebraic Expressions (2 days)	Unit 4 Blueprint Unit 4 Test
		MA.7.AR.1.2 - Equivalent Expressions		
	5- Equations <i>(approx. 18 days)</i>	MA.7.AR.2.2 - Write & Solve Two-step Equations	Solve, Use, and Write Two-Step Equations (10 days)	Unit 5 Blueprint Unit 5 Test
3	6- Inequalities <i>(approx. 14 days)</i>	MA.7.AR.2.1 - Write & Solve One-Step Inequalities	Addition and Subtraction Inequalities (4 days) Multiplication & Division Inequalities (6 days)	Unit 6 Blueprint Unit 6 Test
	7- Area <i>(approx. 13 days)</i>	MA.7.GR.1.1 - Area of Parallelograms & Trapezoids	Area of Parallelograms & Trapezoids (3 days) Area of Polygons & Composite Figures (3 days) Scale Drawings (2 days)	Unit 7 Blueprint Unit 7 Test
		MA.7.GR.1.2 - Polygons/Composite Figures Mathematical & Real-World		
		MA.7.GR.1.5 - Scale Drawings		
	8- Circles & Cylinders <i>(approx. 14 days)</i>	MA.7.GR.1.3 - Proportions with Circumference & Diameter	Circumference & Area of Circles (4 days) Surface Area of Cylinders (3 days) Volume of Cylinders (2 days)	Unit 8 Blueprint Unit 8 Test
		MA.7.GR.1.4 - Area of a Circle		
		MA.7.GR.2.1 - Surface Area of Cylinders		
MA.7.GR.2.2 - Real-World Surface Area of Cylinders				
4	9- Statistical Measures & Displays <i>(approx. 11 days)</i>	MA.7.DP.1.1 - Measure of Center of Variation	Measures of Center & Variation (1 days) Compare Two Populations (2 days) Make Prediction (1 days) Circle Graphs (2 days) Select an Appropriate Display (1 days)	Unit 9 Blueprint Unit 9 Test
		MA.7.DP.1.2 - Make Comparisons and Interpret Results		
		MA.7.DP.1.3 - Make Predictions		
		MA.7.DP.1.4 - Circle Graphs		
		MA.7.DP.1.5 - Graphical Representation		
	MA.7.DP.2.1 - Sample Space			



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10- Probability <i>(approx. 11 days)</i>	MA.7.DP.2.2 - Chance Events	Simple Events (2 days)	Unit 10 Blueprint Unit 10 Test
	MA.7.DP.2.3 - Simple Experiments	Sample Space (1 days)	
	MA.7.DP.2.4 - Compare Theoretical & Experimental Probability	Theoretical Probability (2 days) Experimental Probability and Simulations (2 days)	

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