

Math Nation-6th Grade Accelerated Pacing Guide

<u>Dates</u>	<u>Unit</u>	<u>Skill/Benchmark</u>	<u>Vocabulary</u>	<u>Teach</u>	<u>Graded</u>	<u>Anchor Charts</u>	<u>Spiral Review</u>	<u>Exit Tickets</u>
9 days	1	Number Sense and Operation with Positive Numbers NSO.3.1 NSO.3.2 NSO.2.1 NSO.2.2	-Factor -Greatest Common Factor (GCF) -Multiples -Least Common Multiple (LCM) -Infinite -Distributive Property -Simplest Form -Reciprocal **Already made crossword puzzle?	1.2 1.1 1.3 Mid Review 1.4/1.5 1.6 1.7 Review Test (fix to 20 questions-5 per benchmark)	-Mid Review -Test -Vocab Quiz -GCF & LCM (edulastic) -Freckle: multiply/divide fractions	-Divisibility Rules -LCM "Every" -Common Frac./Dec./% -Simplify	Add/sub fractions Multiply/ divide fractions Perimeter Area	-1.1/1.2 (word problems) -1.3 -1.4/1.5 1.6/1.7
8 days	2	Fractions, Percentages, and Decimals NSO.2.3 NSO.3.5	-Percentage -Place value -percent (%) -numeric -expression -operation -income -finance -investment -principal -return -gross income -net income **Vocab Matching?	2.1 (2 days) 2.2/2.3 Mid Review 2.4/2.5 2.6/2.7 Review Test	-Mid Review -Test -Vocab Quiz. -Word Problems w/FandD (Need to create)	-Conversions	GCF LCM Distr. Prop. Multiply/divide decimals Multiply/divide fractions **Snack Shack P2P	2.1 2.3 2.5 2.7 2.9
12 days	3	Understanding Rational Numbers NSO.1.2 NSO.1.1 NSO.1.3 NSO.1.4	-Natural numbers -whole numbers -integers -rational numbers -real numbers -decimal -inequality -opposite -elevation -deposit -withdrawal -expense -absolute value -profit **Vocab fill in the blank activity	3.1/3.2 (2 days) 3.3/3.4 (2 days) 3.5 3.6 Mid Review 3.7 3.8 3.9	-Mid Review (edulastic-patrick) -Test -Vocab Quiz -Comparing Decimals (edulastic)	-Real Number System	Conversions F/D Word Problems **Fraction Operation Bakery? P2P	3.1 3.3 3.5 3.6 3.7 3.8 3.9

14 days	5	Ratios and Rates AR.3.1 AR.3.2 AR.3.3 AR.3.5 AR.3.4	-Ratio -Rate -Unit Rate -Equivalent Ratios -Customary Units -Metric Units	5.1 (PB) 5.2 5.3 5.5 5.7 5.4 5.6 Mid Review 5.10/5.11 (PB-10 and activities from 11 for P2P—maybe coach book) 5.8 5.9 Review Test	-Mid Review -Test -Vocab Quiz	-King Henry -Gallon Man	Plotting RN Ordering RN Comparing RN Absolute Value Operations w/AV **Absolute Value-Jenga task cards **Mathematical Monster Mash Packet	5.1/5.2 (test #11) 5.3 5.5 5.7 (test #15) 5.8
9-10 days	4	The Coordinate Plane GR.1.1 GR.1.2 GR.1.3	-Coordinate Plane -Quadrant -Coordinate -Scale -Vertex -Parallel	4.1 (2 days) 4.2/4.3 Mid Review 4.4 4.5 4.6 Review Test	-Mid Review -Test -Vocab Quiz	-Reflections -Distance -Missing Vertex	Ratios Rates Percentages Conversions (c/m)	4.1 4.6
12 days	6	Operations with Integers NSO.3.3 NSO.3.4 NSO.4.1 NSO.4.2	-Base -Exponent/Power -Evaluate -Prime Number -Prime Factor -Prime Factorization -Zero Pairs -Commutative Property -Additive Inverse -Expression -Values	6.1 6.2 Mid Review 6.5 (2 days) 6.8 (2 days) 6.11 (2 days) 6.13 Review Test	-Mid Review -Test -Vocab Quiz	-Exponents -Prime -Factorization -Prime Numbers -Add/Sub Integers -Multiply/Divide Integers	Plotting Points Reflections Distance Missing Vertex **Fixing For a Feast? P2P **Nutritional Numbers? P2P **Integer War	6.2 6.6 6.9
12 days	13	Algebraic Expressions AR.1.3 AR.1.4 AR.1.1 AR.2.1	-Variable -Value -Order of Operations -Commutative Property of Multiplication -Commutative Property of Addition -Associative Property of Multiplication -Associative Property of Addition -Solution -Strict Inequality	13.1 13.2 13.7/13.4 (3 days) Mid Review 13.5/13.6 13.11 (2 days) HIGH: L7,8,9,12 Review Test	-Mid Review -Test -Vocab Quiz -Combine Like Terms -PB/HW pgs. 225-226	-Plug-n-chug -Combine Like Terms -Properties -Write Expressions	Exponents Prime Factorization Integer Operations **Christmas Math Project Packet	13.1 13.4 13.6

12 days	14	Equations and Inequalities AR.2.2 AR.2.3 AR.2.4 AR.1.2	-Algebraic Equation -Algebraic Expression -Inverse Operation -Constant -Coefficient -Like Terms -Addition Property of Equality -Subtraction Property of Equality **Matching Activity	14.3 14.4 14.5 14.6 14.7 14.8 14.2 Mid Review 14.1 (use Coach book L/M L23 and H MN L9 and 10) Review Test	-Mid Review -Test -Vocab Quiz	-Inverse Operations -Write Inequalities and Graph	Plug-n-chug Combine Like Terms Write Expressions Determine if inequality is true?	14.2 (#24 on test)
14 days	9/10	Data Sets DP.1.1 DP.1.2 DP.1.3 DP.1.4 DP.1.5 DP.1.6	Data Statistical Question Categorical Data Numerical Data Mean Median Mode Range Measure of Center Measure of Variability Box Plot Histogram Right Skewed Left Skewed Cluster Gap Outlier Line Plot Distribution Minimum Maximum Lower Quartile/1st Quartile Upper Quartile/3rd Quartile Frequency Table Interval Frequency Quantitative Data Quartile Interquartile Range (IQR) Symmetric **Matching Activity	9.1/9.2 Practice Coach Book Mid Review (DP.1.1,1.2,1.3) Review Test **See w26-28 LP 2-23 AND notebook	-Mid Review -Test -Vocab Quiz	-Statistical Questions -Types of Data -Measures of Center -Measures of Variability -5 Number Summary -Box Plot w % -Histogram -Dot Plot	Inverse Operations Write/graph inequalities	

9 days	7	Area GR.2.1 GR.2.2	Base Height Acute Triangle Obtuse Triangle Right Triangle Area of a Triangle Perpendicular Quadrilateral Composite Figure	7.1/7.2 (2 days) 7.3 (2 days) Mid Review 7.6 (2 days) Review Test High: L4,5,7,8	-Mid Review -Test -Vocab Quiz	-Area of Triangle -Area of Quads -Missing Dimension	Measures of Center Measures of Variability Graphs Vocabulary	7.2 7.3
10 days	8	Surface Area and Volume GR.2.3 GR.2.4	Volume Unit Cube Rectangular Prism Rectangular Pyramid Cube Net Face Slant Height Surface Area Lateral Face	8.1 8.2 8.3 Mid Review 8.4 8.5 (2 days) 8.6 Review Test	-Mid Review -Test -Vocab Quiz	-Surface Area -Volume -Missing Dimension w/Volume	Area of Triangle Area of Quad Missing Dimension Area of Composite Figures	8.5
	Review	Spiral through all benchmarks		Brain Dump Practice Domain Quizzes from PCB (ELA use) Domain Worksheets Daily Review Packet Practice Tests 1- 3 (edulastic) Practice Test (worksheet)	-Benchmark Assessment 1 -Benchmark Assessment 2 Practice Test 1 (DG) Practice Test 2 (DG) Practice Test 3 (DG)		Surface Area Volume Missing Dimension w/ Volume	
	11	Operations with Rational Numbers 7.NSO.2.2 7.NSO.2.3 7.NSO.2.1						

	12	Solving Multi-Step Problems with Proportional Relationships 7.AR.3.2 7.AR.3.1						
	15	Probability 7.DP.2.1 7.DP.2.2 7.DP.2.3 7.DP.2.4						