

Grade Level:		6th				
Subject/Course:		Pre-Algebra				
Month/ Quarter	Topic	Standards	Skills	Resources/Materials/ Activities	Key Terminology	Assessments
1st quarter	Review-Decimals		Adding decimals; subtracting decimals, multiplying decimals, dividing decimals, decimals to fractions,	Math Reference for Middle Grades by Mark Twain Media/Carson Dellosa Publishing	sum, addends, minuend, subtrahend, difference, product, factors, divisor, dividend, quotient	Daily Assignments, Chapter tests
	Review-Fractions		adding fractions, subtracting fractions, dividing fractions, multiplying fractions, equivalent fractions, improper fractions, mixed numbers,	Math Reference for Middle Grades by Mark Twain Media/Carson Dellosa Publishing	numerator, denominator, greatest common factor, equivalent, simplest form, least common multiple, least common denominator, reciprocal, remainder, improper fractions,	Daily Assignments, Chapter tests
	Chapter 1-Operations with Integers	7.EE.3, 7.NS.1b-d, 7.NS.2a-c, 7.NS.3	Integers, absolute value, adding integers, subtracting integers, multiplying integers, dividing integers, coordinate plane,	Big Ideas Math Accelerated: A Common Core Curriculum by Big Ideas Learning	integers, absolute value, opposite, additive inverse, coordinate plane, origin, quadrant, x-axis, y-axis,	Daily Assignments, Chapter tests, Quizzes, Accelerated Math
2nd quarter	Chapter 2-Rational Numbers and Equations	7.NS.1a-d, 7.NS.2a-d, 7.NS.3, 7.EE.1, 7.EE.2,7.EE.3,	rational numbers, adding and subtraction rational numbers, multiplying and dividing rational	Big Ideas Math Accelerated: A Common Core Curriculum by Big Ideas Learning	terminating decimal, repeating decimal, rational	Daily Assignments, Chapter tests, Quizzes,

		7.EE.4a-b, 8.EE.7a-b	numbers, solving equations, solving 2 step equations,		number, equivalent equations, inequalities, like terms, coefficient, constant, inverse operations,	Accelerated Math
	Chapter 10-Linear Equations and Functions	7.RP.2B, 8.EE.6, 8.EE.7a-b	Solving multi step equations, solving equations with variables on both sides, solutions of linear equations	Big Ideas Math Accelerated: A Common Core Curriculum by Big Ideas Learning	slope, rise, run, linear function, y-intercept, slope-intercept form,	Daily Assignments, Chapter tests, Quizzes, Accelerated Math
	Chapter 3-Proportions and Variation	7.RP.1, 7.RP.2a-d, 7.RP.3, 8.EE.5	Ratios and Rates, slope, proportions, writing proportions, solving proportions, converting measures between systems, direct variation, inverse variation	Big Ideas Math Accelerated: A Common Core Curriculum by Big Ideas Learning	ratio, rate, unit rate, slope, proportion, proportional, cross products, US Customary system, Metric system, direct variation, inverse variation,	Daily Assignments, Chapter tests, Quizzes, Accelerated Math
	Chapter 4-Percents	7.RP.3, 7.EE.2, 7.EE.3	percent equation, percent of increase and decrease, discounts, markups, simple interest,	Big Ideas Math Accelerated: A Common Core Curriculum by Big Ideas Learning	percent, percent of change, percent of increase, percent of decrease, discount, markup, interest, principle, simple interest	Daily Assignments, Chapter tests, Quizzes, Accelerated Math
3rd Quarter	Chapter 5-Similarity and Transformations	7.G.2, 8.G.1a-c, 8.G.2, 7.G.1, 8.G.3	identifying similar figures, perimeter and areas of similar figures, finding unknown measures in similar figures, scale drawings, translations, reflections, rotations,	Big Ideas Math Accelerated: A Common Core Curriculum by Big Ideas Learning	similar figures, corresponding angles, corresponding sides, indirect measurements, scale drawing, scale model,	Daily Assignments, Chapter tests, Quizzes, Accelerated Math

					scale, scale factors, transformation, image, translations, reflection, line of reflection, rotation, center of rotation, angle of rotation	
	Chapter 6-Surface Area of Solids	7.G.3, 7.G.4, 7.G.6	drawing 3-D figures, surface area of prisms-cylinders-pyramids-cones-composite solids	Big Ideas Math Accelerated: A Common Core Curriculum by Big Ideas Learning	3-D figure, polyhedron, lateral face, surface area, net, regular pyramid, slant height, composite solid,	Daily Assignments, Chapter tests, Quizzes, Accelerated Math
	Chapter 7 Volumes of Solids	7.G.4, 7.G.6, 7.G.9	volumes of prisms-cylinders, pyramids-cones-composite solids, surface areas and volumes of similar solids,	Big Ideas Math Accelerated: A Common Core Curriculum by Big Ideas Learning	volume, similar solids	Daily Assignments, Chapter tests, Quizzes, Accelerated Math
4th quarter	Chapter 8-Data Analysis and Samples	7.SP.1, 7.SP.2, 7.SP.3, 7.SP.4	stem and leaf plot, histograms, circle graphs, samples and populations	Big Ideas Math Accelerated: A Common Core Curriculum by Big Ideas Learning	stem and leaf plot, stem, leaf, histogram, circle graph, population, sample	Daily Assignments, Chapter tests, Quizzes, Accelerated Math
	Chapter 9-Probability	7.SP.5, 7.SP.6, 7.SP.7, 7.SP.8	Introduction to probability, theoretical probability, experimental probability, independent and dependent events,	Big Ideas Math Accelerated: A Common Core Curriculum by Big Ideas Learning	experiment, outcomes, event, probability, theoretical probability, fair experiment, experimental probability, independent events,	Daily Assignments, Chapter tests, Quizzes, Accelerated Math

					dependent events,	
			Classifying angles, angles and sides of triangles, angles of polygons, using similar triangles, parallel, transversals,	Big Ideas Math Accelerated: A Common Core Curriculum by Big Ideas Learning	complementary angles, supplementary angles, congruent angles, vertical angles, isosceles triangle, congruent sides, equilateral triangle, equiangular triangle, polygon, regular polygon, convex polygon, concave polygon, similar triangles, indirect measurement, perpendicular lines, transversal, interior angles, exterior angles	
	Chapter 13-Exponents and Scientific Notation	8.EE.1, 8.EE.3, 8.EE.4	exponents, product of powers property, quotient of powers property, zero and negative exponents, reading scientific notation, writing scientific notation	Big Ideas Math Accelerated: A Common Core Curriculum by Big Ideas Learning	power, base, exponents, scientific notation,	Daily Assignments, Chapter tests, Quizzes, Accelerated Math