

Grade Level:		JH				
Subject/Course:		General Math				
Month/ Quarter	Topic	Standards	Skills	Resources/Materials/Activities	Key Terminology	Assessments
Quarter 1	Expressions	CCSS 6.EE	<ul style="list-style-type: none"> -Write and evaluate numerical expressions involving whole-number exponents -Write, read, and evaluate expressions in which letters stand for numbers -Apply the properties of operations to generate equivalent expressions -Use variables to represent numbers and write expressions when solving real-world or mathematical problem -Use the distributive property to express a sum of two whole numbers 	<ul style="list-style-type: none"> Big Ideas Math (2012) Textbook Lessons 1-1 thru 1-5 Note-taking binder Accelerated Math 	<ul style="list-style-type: none"> -Algebraic expression -Numerical Expression -Evaluate -Equivalent Expressions -Formula -Solve a formula 	<ul style="list-style-type: none"> Daily assignments Quizzes Chapter Test Accelerated Math

	Multiplying and Dividing Fractions	CCSS 6.NS	-Interpret and compute quotients of fractions, and solve word problems involving division of fractions by fractions	Textbook lessons 2-1 thru 2-8 Note-taking binder Accelerated Math	-Underestimate -Overestimate -Compatible numbers -Reciprocals -Terminating decimal -Repeating decimal	Daily assignments Quizzes Chapter Test Accelerated Math
Quarter 2	Multiplying and Dividing Decimals	CCSS 6.NS	-Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithm for each operation	Textbook lessons 3-1 thru 3-5 Note-taking binder Accelerated Math		Daily assignments Quizzes Chapter Test Accelerated Math
	Fractions, Decimals, and Percents	CCSS 6.RP	-Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities -Use ratio and rate reasoning to solve real-world and mathematical problems -Understand the concept of a unit rate -Solve unit rate problems -Make tables of	Textbook lessons 4-1 thru 4-5 Note-taking binder Accelerated Math	-Percent	Daily assignments Quizzes Chapter Test Accelerated Math

			in plots on a number line, including dot plots, histograms, and box plots.			
	Circles and Area	CCSS 6.EE	-Evaluate expressions at specific values of their variables	Textbook lessons 6-1 thru 6-4 Note-taking binder Accelerated Math	-circle -radius -diameter -center -circumference -semicircle -composite figure -pi	Daily assignments Quizzes Chapter Test Accelerated Math
		CCSS 6.G	Find the area of right triangles, other triangles, special quadrilaterals, and polygons.			
	Add/Subtract/Multiply/Divide integers	CCSS 7.EE	Solve multi-step real-life and mathematical problems posed with positive and negative rational numbers.	Worksheets Int 1-5 Note-taking binder Accelerated Math	-integer -absolute value -opposite	Daily assignments Quizzes Unit Test Accelerated Math
		CCSS 7.NS	Understand subtraction of rational numbers as adding the additive inverse.			
		CCSS 7.NS	Understand that multiplication is extended from fractions to rational numbers			
		CCSS 7.NS	Understand that integers can be divided			

Quarter 4	Writing and Solving Equations	CCSS 6.EE	Solve real-world and mathematical problems by writing and solving equations.	Textbook lessons 7-1 thru 7-6 Note-taking binder	- equation - solution - inverse operation	Daily assignments
		CCSS 6.EE	Understand solving an equation as a process of answering a question. Use substitution to determine whether a given number in a specified set makes an equation true.	Accelerated Math	- two-step equation - like terms - rectangular prism - volume - cubic units - surface area - square units -net	Quizzes Unit Test
		CCSS 6.EE	Identify parts of an expression using mathematical terms.			Accelerated Math
		CCSS 6.G	Find the area of right triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes.			
		CCSS 6.G	Find the volume of a right rectangular prism.			
		CCSS 6.G	Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of these figures.			

	Write/Graph/Solve Inequalities	CCSS 6.EE CCSS 6.EE	Write an inequality of the form $x > c$ or $x < c$ to represent a constraint or condition in a real-world or mathematical problem. Understand solving an equation or inequality as a process of answering a question.	Textbook lessons 8-1 thru 8-4 Note-taking binder Accelerated Math	-inequality -solution of an inequality -solution set -graph of an inequality	Daily assignments Quizzes Unit Test Accelerated Math
	Tables/Graphs/Function	CCSS 6.EE	Use variables to represent two quantities in real-world problem that change in relationship to one another. Write an equation to express one quantity, thought of as the dependent variable, in terms of the other quantity, thought of as the independent variable. Analyze the relationship between the dependent and independent variables using graphs and tables, and relate these to the equation.	Textbook lessons 9-1 thru 9-5 Note-taking binder Accelerated Math	- inputs - outputs - function - mapping diagram - function rule - input-output table - graph - linear function	Daily assignments Quizzes Unit Test Accelerated Math