



Middle School Curriculum* Math Topics

	September	October	November	December	January	February	March	April	May	June
6th	Review Use positive rational numbers	Integers and Rational Numbers	Integers and Rational Numbers	Numeric and Algebraic Expressions	Numeric and Algebraic Expressions Represent and Solve Equations and Inequalities	Represent and Solve Equations and Inequalities Understand and use rates and ratios	Understand and use percents	Solve area, surface area, and volume	Display, describe and summarize data	Display, describe and summarize data
7th	Review Rational Numbers	Rational Numbers	Real numbers Analyze and use proportional relationships	Analyze and use proportional relationships	Analyze and solve percent problems Generate equivalent expressions	Generate equivalent expressions Solve problems using equations and inequalities	Solve problems using equations and inequalities Use sampling to draw inferences about populations	Use sampling to draw inferences about populations Probability Solve Problems Involving Geometry	Solve Problems Involving Geometry Solve Problems Involving Surface Area and Volume Congruence and Similarity	Congruence and Similarity Understand and Apply the Pythagorean Theorem
8th	Review 8th grade standards	Solving Equations and Inequalities	Linear Equations	Linear Functions	Linear Functions Systems of Linear Equations and Inequalities	Piecewise Functions	Exponents and Exponential Functions Working with Functions	Polynomials and Factoring	Quadratic Functions Solving Quadratic Equations	Statistics

* subject to change based on class progress