

SCA Core Knowledge 2021-2022 Middle School Math Curriculum Map

	August	September	October	November	December	January	February	March	April	May
6th Grade Core Math	Ratios and Rates	Fractions, Decimals, and Percents	Compute with Multi-Digit Numbers	Multiply and Divide Fractions	Integers and the Coordinate Plane	Expressions and Equations	Functions and Inequalities	Area, Volume & Surface Area	Area, Volume & Surface Area	Statistical Measures and Displays
7th Grade Core Math 6th Grade Advanced Math	Ratio's, Proportional Reasoning & Percents	Ratio's, Proportional Reasoning & Percents	Integers & Rational Numbers	The Number System	Expressions and Equations	Expressions and Equations	Geometry	Geometry	Statistics & Probability	Statistics & Probability
8th Grade Core Math	Real Numbers	Equations with One and Two Variables	Equations with One and Two Variables	Functions	Triangles, Pythagorean Theorem, Transformations, Congruence and Similarity, Volume and Surface Area	Triangles, Pythagorean Theorem, Transformations, Congruence and Similarity, Volume and Surface Area	Triangles, Pythagorean Theorem, Transformations, Congruence and Similarity, Volume and Surface Area	Triangles, Pythagorean Theorem, Transformations, Congruence and Similarity, Volume and Surface Area	Scatter Plot and Data Analysis	Scatter Plot and Data Analysis
6th Grade Accelerate Math	Ratio's, Proportional Reasoning & Percents	Ratio's, Proportional Reasoning & Percents	Integers & Rational Numbers	The Number System	Expressions and Equations	Expressions and Equations	Geometry	Geometry	Statistics & Probability	Statistics & Probability
7th Grade Accelerated Math	The Language of Algebra	Operations with Integers	Operations with Rational Numbers	Powers and Roots	Ratio's, Proportion, Similar Figures and Percents	Algebraic Expressions	Equations and Inequalities and Linear Functions	Statistics & Probability	Congruence, Similarity and Transformations	Volume and Surface Area
8th Grade Accelerated Math	Expressions and Functions	Linear Equations	Linear and Nonlinear Functions	Equations of Linear Functions	Linear Inequalities	Systems of Linear Equations and Inequalities	Exponents and Exponential Functions	Polynomials	Quadratic Functions and Equations	Statistics