

GOOD SHEPHERD EPISCOPAL SCHOOL

6TH GRADE MATH YEAR AT A GLANCE

Trimester	Month	Topics	Skills
First Trimester	August	Introduction Expectations Diagnostic Assessment	
	September	Review Decimals Integers Exponents Factors	Place Value Operations with Decimals Metric Units Operations with Integers Order of Operations (with and without exponents) and the Distributive Property Mean, Median, Mode and Range Prime Factorization
	October	Fractions	Simplify Fractions Compare and Order Fractions and Rational Numbers Mixed Numbers and Improper Fractions Fractions and Decimals Scientific Notation Operations with Fractions and Mixed Numbers Customary System
Second Trimester	November (End of First Trimester/ Beginning of Second Trimester)	Equations	Evaluate and Write Algebraic Expressions Solve Equations (one-step and two-step) using Inverse Operations Transform Formulas
	December	Inequalities Ratios	Graph and Write Inequalities Solve Inequalities using Inverse Operations Ratios Unit Rates

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	January	Proportions Percents	Solve Proportions Similar Figures Maps and Scale Drawings Understanding Percents Percents, Fractions, Decimals Percents Greater than 100% or Less than 1% Find a Percent of a Number Solve a Percent Problem using Proportions and Equations
	February	Percents Geometry	Applications of Percents Find a Percent of Change Circle Graphs Lines and Planes Identify and Classify Angles Triangles, Quadrilaterals, and Other Polygons
Third Trimester	March	Geometry Measurement	Congruent Figures Circles Perimeter Area of a Parallelogram, Triangle, Trapezoid, Circle, and Irregular Figures Circumference Square Roots Irrational Numbers Pythagorean Theorem
	April	Measurement Graphing in the Coordinate Plane	Three-Dimensional Figures Surface Area of Prisms and Cylinders Volume of Prisms and Cylinders Graphing Points in Four Quadrants Function Rules Graphing Linear Equations Finding the Slope of a Line
	May	Transformations Review Exam	Translations Line of Symmetry Reflections Rotational Symmetry and Rotations

* This YAG will change. It is meant only to provide a quick look at the topics that will be addressed during the school year. Class progress, ERB testing, school trips, and inclement weather will all merit YAG adjustments.