7th Grade Math Curriculum Map

	Aug/Sep L 1 - 20	October L 21 - 35	November L 36 - 50	December L 51- 60	January L 61 - 70	February L 71 - 85	March L 86 - 95	April L 96 - 110	May L 111 - 120
Math: **Saxon Math** (concepts learned throughout the year)	- Number & operations - Measurement - Geometry - Algebra - Data analysis - Probability - Problem solving - Geometry - Algebra - Integers - Fractional parts - Prime numbers	- Number & operations - Measurement - Geometry - Algebra - Data analysis - Probability - Problem solving - Distributive property - Order of operations	- Numbers & operations - Measurement - Geometry - Algebra - Problem Solving - Functions - Volume - Surface area - Using cross products to solve proportion problems	- Numbers & operations - Measurement - Geometry - Algebra - Data analysis - Probability - Problem solving - Negative exponents - Scientific notation for small numbers	- Measurement - Geometry - Data analysis - Probability - Problem solving - Sequences - Graphing inequalities - Rational numbers - Fractions with negative exponents	- Measurement - Algebra - Data analysis & probability - Formulas for sequences - Simplifying square roots - Area of a trapazoid - Volume of prisms	- Measurement - Algebra - Geometry - Data analysis - Probability - Effect of scaling on perimeter, area, and volume - Equations with exponents - Graphing pairs of inequalities - Slant heights	- Numbers & operations - Measurement - Algebra - Geometry - Data analysis - Probability - Problem solving - Geometric probability - Surface area - Growth & decay	- Number & operation - Measurement - Algebra - Geometry - Data analysis - Probability - Volume & surface area of a sphere - Ratios of side lengths of right triangles
	- Rational numbers - Percents - Decimal numbers - Lines & angles - Polygons - Powers & roots - Solving equations - Irrational numbers - Rounding & estimating	- Multiplying & dividing fractions & mixed numbers - Transformations - Laws of exponents Scientific notation - Ratios - Proportions - Dividing integers	- Slope of a line - Graphing functions - Rate problems - Multi-step equations	- Unit multipliers - Measures of central tendency - Slope intercept - Equation - Percent problems with equations - Experimental probability	- Special right triangles - Percent of change - Probability - Multiplication rule - Direct variation	- Inequalities with negative coefficients - Products of square roots - Transforming formulas - Mixed measures - Polynomials	- Geometric measures with radicals - Recursive rules for sequences - Relations and functions Inverse variation - Surface area	- Line & box- whisker plots Volume Capacity - Mass in the metric system - Effects of scaling on volume - Surface area & volume of compound solids - Consumer interest	- Make predictions using scatterplots - Division by zero - Significant digits - Sine - Cosine - Tangent - Complex fractions - Rationalizing a denominator