

# 2020 - 2021 St. James Episcopal School Curriculum Map

## Mathematics

Quarter	5 <sup>th</sup> Grade	6 <sup>th</sup> Grade	7 <sup>th</sup> Grade	8 <sup>th</sup> Grade
1 <sup>st</sup>	Place Values  Multiply and Divide whole numbers  Add and Subtract Decimals	Number Patterns & Algebra  Statistics & Graphs  Decimals: Addition and Subtraction  Decimals: Multiplying and Dividing	The Language and Tools of Algebra  Solving Linear Equations  Solving Linear Inequalities	Foundations for Geometry  Geometric Reasoning  Parallel and Perpendicular lines
2 <sup>nd</sup>	Multiply and Divide Decimals  Order of Operations  Add and Subtract Fractions	Algebra: Integers  Number Theory, Fractions, & Decimals  Fractions: Addition and Subtraction  Fractions: Multiplication and Division	Functions and Patterns  Analyzing Linear Equations  Solving Systems of Equations	Triangle Congruence  Properties and Attributes of Triangles  Polygons and Quadrilaterals
3 <sup>rd</sup>	Add and Subtract Fractions  Multiply and Divide Fractions  Measurement Conversions	Algebra: Solving Equations  Ratios, Proportions, and Percents  Probability	Polynomials  Factoring	Similarity  Right Triangles and Trigonometry  Perimeter, Circumference, and Area

4 <sup>th</sup>	Types of Polygons and their measurements Classify Triangles Classify Quadrilaterals Find Volumes of Geometric Figures	<ul style="list-style-type: none"> <li>• Measurement</li> <li>• Geometry: Angles and Polygons</li> <li>• Geometry: Measuring Area and Volume</li> </ul>	Quadratic and Exponential Functions  Radical Expressions & Triangles	Spatial Reasoning  Circles  Transformational Geometry
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