

# All Saints S.T.E.A.M. Academy – Middle School Mathematics Curriculum Map

Algebra 1	Pre-Algebra	Mathematics Applications and Concepts	Blended Learning
<ul style="list-style-type: none"> <li>• IXL.com</li> <li>• STAR Assessments</li> <li>• Scratch</li> <li>• Google Sheets</li> <li>• Microsoft Excel</li> <li>• Graphing Calculator</li> <li>• Microsoft PowerPoint</li> <li>• Khan Academy</li> <li>• WolframAlpha</li> </ul>	<ul style="list-style-type: none"> <li>• IXL.com</li> <li>• STAR Assessments</li> <li>• Scratch</li> <li>• Google Sheets</li> <li>• Microsoft Excel</li> <li>• TinkerCad/3-D printing</li> <li>• Graphing Calculator</li> <li>• Microsoft PowerPoint</li> <li>• Khan Academy</li> <li>• WolframAlpha</li> </ul>	<ul style="list-style-type: none"> <li>• IXL.com</li> <li>• STAR Assessments</li> <li>• Scratch</li> <li>• Google Sheets</li> <li>• Microsoft Excel</li> <li>• TinkerCad/3-D printing</li> <li>• Graphing Calculator</li> <li>• Microsoft PowerPoint</li> <li>• Khan Academy</li> <li>• WolframAlpha</li> </ul>	<p><b>Blended Learning</b></p>
<ul style="list-style-type: none"> <li>• Equations and Functions</li> <li>• Properties of Real Numbers</li> <li>• Solving Linear Equations and Functions</li> <li>• Graphing Linear Equations</li> <li>• Writing Linear Equations</li> </ul>	<ul style="list-style-type: none"> <li>• Expressions</li> <li>• Equations</li> <li>• Inequalities</li> </ul>	<ul style="list-style-type: none"> <li>• Number Theory</li> <li>• Data Analysis</li> <li>• Integers and Graphing</li> <li>• Intro to Algebra: Expressions and Equations</li> </ul>	<p><b>Trimester 1</b></p>
<ul style="list-style-type: none"> <li>• Solving and Graphing Linear Inequalities</li> <li>• Systems of Equations and Inequalities</li> <li>• Exponents and Exponential Functions</li> <li>• Polynomials</li> </ul>	<ul style="list-style-type: none"> <li>• Factors, Fractions, and Rational Numbers</li> <li>• Ratio, Rates, Proportion, Percent</li> <li>• Functions and Graphing</li> </ul>	<ul style="list-style-type: none"> <li>• Intro to Algebra: Inequalities</li> <li>• Intro to Algebra: Functions</li> <li>• Prime Factorization and Fractions</li> </ul>	<p><b>Trimester 2</b></p>
<ul style="list-style-type: none"> <li>• Polynomials and Factoring</li> <li>• Quadratic Equations</li> <li>• Radicals and Rational Expressions</li> </ul>	<ul style="list-style-type: none"> <li>• Real Numbers</li> <li>• Right Triangles</li> <li>• Geometry: Two-Dimensional Figures</li> <li>• Geometry: Three-Dimensional Figures</li> </ul>	<ul style="list-style-type: none"> <li>• Fraction Operations</li> <li>• Fractions, Decimal, Percents</li> <li>• Ratio, Proportion, and Percent</li> <li>• Probability</li> <li>• Intro to Geometry</li> </ul>	<p><b>Trimester 3</b></p>