

# MS Curriculum Overview

<b>1. Course Title</b>	<b>Grade 7 Accelerated Math</b>			
<b>2. Course Overview</b>	<p>In Grade 7 Accelerated Illustrative Mathematics, students engage in a rigorous and fast-paced curriculum that combines Grade 7 standards with key Grade 8 concepts to prepare them for advanced mathematics courses. Students deepen their understanding of ratios, rates, percentages, proportional relationships, rational numbers, expressions, equations, geometry, statistics, and probability while also beginning work with topics such as linear relationships and functions. The course emphasizes problem-solving, mathematical reasoning, and communication, challenging students to make connections across concepts and apply their learning to real-world situations such as financial decision-making, data analysis, design, and modeling. By developing strong analytical and critical-thinking skills, students build a solid foundation for future success in algebra and higher-level</p>			
<b>3. Main Resource Used</b>	Illustrative Mathematics			
<b>4. Unit Sequence &amp; Titles</b>	<p><b>Unit 1</b></p> <p>Rigid Transformations and Congruence</p>	<p><b>Unit 2</b></p> <p>Scale Drawings, Similarity, and Slope</p>	<p><b>Unit 3</b></p> <p>Writing and Solving Equations</p>	<p><b>Unit 4</b></p> <p>Inequalities, Expressions and Equations</p>
	<p><b>Unit 5</b></p> <p>Linear Relationships</p>	<p><b>Unit 6</b></p> <p>Functions and Volume</p>	<p><b>Unit 7</b></p> <p>Exponents and Scientific Notation</p>	<p><b>Unit 8</b></p> <p>Pythagorean Theorem &amp; Irrational Numbers</p>