

MS Curriculum Overview

1. Course Title	Grade 7 Math			
2. Course Overview	<p>In Grade 7 Illustrative Mathematics, students strengthen their problem-solving and critical-thinking skills by learning how math applies to real-world situations. Throughout the year, they work with ratios, rates, percentages, and proportional relationships; develop fluency with positive and negative numbers; use expressions and equations to represent and solve problems; explore geometry concepts such as area, surface area, and volume; and analyze data and probability. Students are encouraged to explain their reasoning, make connections between concepts, and apply mathematics to everyday situations such as budgeting, comparing prices, interpreting graphs, planning projects, and making informed decisions, helping them build skills that support success in school and beyond.</p>			
3. Main Resource Used	Illustrative Mathematics			
4. Unit Sequence & Titles	<p align="center">Unit 1</p> <p align="center">Scale Drawings</p>	<p align="center">Unit 2</p> <p align="center">Proportional Relationships</p>	<p align="center">Unit 3</p> <p align="center">Circles</p>	<p align="center">Unit 4</p> <p align="center">Proportional Relationships & Percentages</p>
	<p align="center">Unit 5</p> <p align="center">Rational Numbers</p>	<p align="center">Unit 6</p> <p align="center">Expressions, Equations & Inequalities</p>	<p align="center">Unit 7</p> <p align="center">Angles, Prisms, & Volume</p>	<p align="center">Unit 8</p> <p align="center">Probability & Statistics</p>