



## Carroll ISD PreAlgebra YAG 2021-2022 Year-At-A-Glance

	1 <sup>st</sup> Grading Period	2 <sup>nd</sup> Grading Period	3 <sup>rd</sup> Grading Period	4 <sup>th</sup> Grading Period
<b>Process Standards</b>	8.1 A, B, C, D, E, F, G Math Process Standards, how students understand and learn mathematics, used throughout the course			
<b>TEKS</b>	Unit 1: Number Systems 8.2A, B, C, D  Unit 2: Proportional and Nonproportional Relationships and Functions 8.4A, B, C, 8.5A, B, E, F, G, H, I, 8.9A	Unit 3: Equations and Inequalities 8.8 A, B, C  Unit 4: Angles and Triangles 8.3A, 8.4A, 8.8D  Unit 5: Pythagorean Theorem 8.6C, 8.7C, D	Unit 6: Volume 8.6A, B, 8.7A  Unit 7: Surface Area 8.7B  Unit 8: Transformations 8.3A, B, C, 8.10A, B, C, D  Unit 9: Statistics and Samples 8.5C, D, I, 8.11A, B, C	Unit 10: Personal Financial Literacy 8.12A, B, C, D, E, F, G  Unit 11: Algebra Readiness 8.4A, B, C, 8.5A, 8.8A, B, C
<b>Topic Focus</b>	Unit 1 <ul style="list-style-type: none"> <li>● Real Number Systems</li> <li>● Scientific Notation</li> </ul> Unit 2 <ul style="list-style-type: none"> <li>● Proportional Relationships</li> <li>● Non-proportional Relationships</li> <li>● Writing Linear Equations</li> </ul>	Unit 3 <ul style="list-style-type: none"> <li>● Solving Equations and Inequalities with variables on both sides</li> <li>● Solving Equations and Inequalities with Rational Numbers</li> </ul> Unit 4	Unit 6 <ul style="list-style-type: none"> <li>● Volume</li> </ul> Unit 7 <ul style="list-style-type: none"> <li>● Surface Area</li> </ul> Unit 8 <ul style="list-style-type: none"> <li>● Transformations and Congruence</li> </ul>	Unit 10 <ul style="list-style-type: none"> <li>● Financial Literacy</li> </ul> Unit 11 <ul style="list-style-type: none"> <li>● Algebra Readiness</li> </ul>



	<ul style="list-style-type: none"> <li>• Functions</li> </ul>	<ul style="list-style-type: none"> <li>• Angle Relationships in Parallel Lines and Triangles</li> </ul> <p><b>Unit 5</b></p> <ul style="list-style-type: none"> <li>• Pythagorean Theorem</li> <li>• Distance between two points</li> </ul>	<ul style="list-style-type: none"> <li>• Dilations, similarity, and proportionality</li> </ul> <p><b>Unit 9</b></p> <ul style="list-style-type: none"> <li>• Scatter plots</li> <li>• -Sampling</li> <li>• -Mean Absolute Deviation</li> </ul>	
<p><b>Additional Resources</b></p> <p>Houghton Mifflin Harcourt <i>GoMath!</i> Grade 8</p>	<p><b>Unit 1:</b> Expressions and Number Systems (Chapters 1 and 2)</p> <p><b>Unit 2:</b> Proportional and Nonproportional Relationships and Functions (Chapter 3-6)</p>	<p><b>Unit 3:</b> Equations and Inequalities (Chapter 11)</p> <p><b>Unit 4:</b> Angle Relationships (Chapter 7)</p> <p><b>Unit 5:</b> Pythagorean Theorem (Chapter 8)</p>	<p><b>Unit 6:</b> Volume (Chapter 9)</p> <p><b>Unit 7:</b> Surface Area (Chapter 10)</p> <p><b>Unit 8:</b> Transformation and Geometry (Chapter 12 and 13)</p> <p><b>Unit 9:</b> Scatter Plots, Sampling, and Mean Absolute Deviation (Chapter 14 and 15)</p>	<p><b>Unit 10:</b> Financial Literacy (Chapter 16)</p>

Power Standards: 8.2D, 8.3C, 8.4C, 8.5D, 8.5I, 8.7A, 8.7C, 8.8C, 8.10C, 8.12D