

# Carroll ISD

## 6<sup>th</sup> Grade Accelerated Math Year at a Glance

	1 <sup>st</sup> Grading Period (38 days)		2 <sup>nd</sup> Grading Period (40 days)	
<b>Focus TEKS</b> (R) readiness standards (S) supporting standards	<b><u>RATIONAL NUMBERS [30 DAYS]</u></b> <b>Unit 1: Algebraic Reasoning (11 days)</b> <i>Types of Numbers, Decimals, Exponents, Order of Operations, Expressions, Variables</i> 7.2, 7.3AB, 8.2AB  <b>Unit 2: Integers (7 days)</b> <i>All operations, Scientific Notation</i> 7.3AB, 8.2C  <b>Unit 3: Fractions (12 days)</b> <i>All operations, Primes, Factors, Multiples</i> 7.3AB, 8.2D  <b><u>EQUATIONS [20 DAYS]</u></b> <b>Unit 4: Equations and Inequalities (8 days)</b> <i>Two-Step, Like Terms, Distributive Property, Variables on Both Sides, Multi-Step</i> 7.10ABC, 7.11AB, 8.8ABC		<b>Unit 4: Equations and Inequalities (12 days)</b> <i>Two-Step, Like Terms, Distributive Property, Variables on Both Sides, Multi-Step</i> 7.10ABC, 7.11AB, 8.8ABC  <b>LINEAR RELATIONSHIPS [44 DAYS]</b> <b>Unit 5: Proportions &amp; Percentages (22 days)</b> <i>Ratios, Rates, Proportionality, Proportional Relationships, Graphs, Slope, Direct Variation, Fraction-Decimal-Percent, Percent of Numbers, Sales/Discounts, Markup/Markdown</i> 7.4ABCD, 7.5C, 7.13A, 8.2D, 8.4BC, 8.5ACDEH  <b>Exam Review &amp; Semester Exam (6 days)</b>	
<b>Topic Focus</b>	Decimals, Order of Operations, Exponents, Expressions, Integers, Fractions, Scientific Notation, Monomials, Equations, Inequalities		Equation, Inequalities, Rates, Ratios, Proportions, Constant of Proportionality, Percentages, Percent Change, Direct Variation	
<b>Additional Support (resources)</b>	HMH 6 <sup>th</sup> Chapter 1 HMH 7 <sup>th</sup> Chapter 1 HMH 8 <sup>th</sup> Chapter 1 Carnegie 8 <sup>th</sup> Chapter 1 TeacherMade Activities	HMH 8 <sup>th</sup> Chapter 2 Carnegie 8 <sup>th</sup> Chapter 2	HMH 7 <sup>th</sup> Grade Chapter 8 HMH 8 <sup>th</sup> Grade Chapter 11 Carnegie 8 <sup>th</sup> Grade Chapter 7	HMH 8 <sup>th</sup> Grade Chapter 3 HMH 7 <sup>th</sup> Grade Chapter 2 HMH 7 <sup>th</sup> Grade Chapter 3 Carnegie 8 <sup>th</sup> Grade Chapter 6
<b>Additional Support (key concepts)</b>	Lead4Ward materials and resources for TEKS correlation Online HMH textbook for additional videos and concept reinforcement Current TEKS: <a href="http://ritter.tea.state.tx.us/rules/tac/chapter111/index.html">http://ritter.tea.state.tx.us/rules/tac/chapter111/index.html</a>		Lead4Ward materials and resources for TEKS correlation Online HMH textbook for additional videos and concept reinforcement Current TEKS: <a href="http://ritter.tea.state.tx.us/rules/tac/chapter111/index.html">http://ritter.tea.state.tx.us/rules/tac/chapter111/index.html</a>	

# Carroll ISD

## 6<sup>th</sup> Grade Accelerated Math Year at a Glance

	3 <sup>rd</sup> Grading Period (47 days)	4 <sup>th</sup> Grading Period (51 days)
<b>Focus TEKS</b> (R) readiness standards (S) supporting standards	<p><b>Unit 6: Linear Equations (16 days)</b> <i>Non-Proportional Relationships, Slope, Y-intercept, Linear Equations with tables, graphs, equations, words</i> 7.7, 8.4ABC, 8.5ABEFGHI, 8.9</p> <p><b>Unit 7: Measurement &amp; Statistics (12 days)</b> <i>Shape, Center and Spread of Data, MAD, Box Plots, Scatter Plots, Measurement Conversions</i> 7.4E, 7.6FGH, 7.12ABC, 8.5CD, 8.11ABC</p> <p><b>GEOMETRY [26 DAYS]</b></p> <p><b>Unit 8: Geometric Concepts (12 days)</b> <i>Congruent/Similar, Transformations, Angles, Triangles, Transversals</i> 7.5AC, 7.11C, 8.3ABC, 8.8D, 8.10ABCD</p> <p><b>Unit 9: Composite Shapes &amp; Circles (7 days)</b> <i>Circumference/Area of Circles, Area of Composite Shapes</i> 7.5B, 7.8C, 7.9BC</p>	<p><b>Unit 10: 3D Geometry Part I (7 days)</b> <i>Volume and Surface Area of Prisms and Pyramids</i> 7.8AB, 7.9AD, 8.7B</p> <p><b>Unit 11: Probability (10 days)</b> <i>Events, Outcomes, Theoretical/Experimental, Independent/Dependent Events</i> 7.6ABCDEFHI</p> <p><b>Unit 12: Financial Literacy (6 days)</b> <i>Budgets, Incentives, Taxes, Investing, College, Credit</i> 7.13ABCDEF, 8.12ABCDEFG</p> <p><b>STAAR &amp; STAAR Review (6 days)</b></p> <p><b>Unit 13: Pythagorean Theorem (7 days)</b> <i>Radicals, Pythagorean, Distance Formula</i> 8.6C, 8.7CD</p> <p><b>Unit 14: 3D Geometry Part II (7 days)</b> <i>Volume and Surface Area of Cylinders, Cones, and Spheres</i> 8.6AB, 8.7AB</p> <p><b>Exam Review, Semester Exam, End-of Year (8 days)</b></p>
<b>Topic Focus</b>	Functions, Slope, Linear Equations, Quartiles, Measures of center/spread/shape, Graphs, Plots, Trends, MAD, Transformations, Angles, Similar Figures, Area, Circumference	Volume, Surface Area, Lateral Area, Probability, Financial Literacy, Pythagorean Theorem
<b>Additional Support (resources)</b>	HMH 7 <sup>th</sup> Grade Chapter 4, 7, 9, 10, 11, 12 HMH 8 <sup>th</sup> Grade Chapter 4, 5, 6, 7, 9, 10, 14, 15 Carnegie 8 <sup>th</sup> Grade Chapter 3, 4, 5, 7, 10, 11, 12, 14, 15, 17	HMH 7 <sup>th</sup> Grade Chapter 5, 6, 9, 10, 13, 14 HMH 8 <sup>th</sup> Grade Chapter 8, 9, 10, 16 Carnegie 8 <sup>th</sup> Grade Chapter 2, 13, 17
<b>Additional Support (key concepts)</b>	Lead4Ward materials and resources for TEKS correlation Online HMH textbook for additional videos and concept reinforcement Current TEKS: <a href="http://ritter.tea.state.tx.us/rules/tac/chapter111/index.html">http://ritter.tea.state.tx.us/rules/tac/chapter111/index.html</a>	Lead4Ward materials and resources for TEKS correlation Online HMH textbook for additional videos and concept reinforcement Current TEKS: <a href="http://ritter.tea.state.tx.us/rules/tac/chapter111/index.html">http://ritter.tea.state.tx.us/rules/tac/chapter111/index.html</a>
<b>Ongoing Throughout the Year - Process Standards: 7.1ABCDEFGF, 8.1ABCDEFGF</b>		