

Carroll ISD

6th Grade Accelerated Math Year at a Glance

	1 st Grading Period (38 days)		2 nd Grading Period (40 days)	
Focus TEKS (R) readiness standards (S) supporting standards	<u>RATIONAL NUMBERS [30 DAYS]</u> Unit 1: Algebraic Reasoning (11 days) <i>Types of Numbers, Decimals, Exponents, Order of Operations, Expressions, Variables</i> 7.2, 7.3AB, 8.2AB Unit 2: Integers (7 days) <i>All operations, Scientific Notation</i> 7.3AB, 8.2C Unit 3: Fractions (12 days) <i>All operations, Primes, Factors, Multiples</i> 7.3AB, 8.2D <u>EQUATIONS [20 DAYS]</u> Unit 4: Equations and Inequalities (8 days) <i>Two-Step, Like Terms, Distributive Property, Variables on Both Sides, Multi-Step</i> 7.10ABC, 7.11AB, 8.8ABC		Unit 4: Equations and Inequalities (12 days) <i>Two-Step, Like Terms, Distributive Property, Variables on Both Sides, Multi-Step</i> 7.10ABC, 7.11AB, 8.8ABC LINEAR RELATIONSHIPS [44 DAYS] Unit 5: Proportions & Percentages (22 days) <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 Exam Review & Semester Exam (6 days)	
Topic Focus	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	
Additional Support (resources)	HMH 6 th Chapter 1 HMH 7 th Chapter 1 HMH 8 th Chapter 1 Carnegie 8 th Chapter 1 TeacherMade Activities	HMH 8 th Chapter 2 Carnegie 8 th Chapter 2	HMH 7 th Grade Chapter 8 HMH 8 th Grade Chapter 11 Carnegie 8 th Grade Chapter 7	HMH 8 th Grade Chapter 3 HMH 7 th Grade Chapter 2 HMH 7 th Grade Chapter 3 Carnegie 8 th Grade Chapter 6
Additional Support (key concepts)	Lead4Ward materials and resources for TEKS correlation Online HMH textbook for additional videos and concept reinforcement Current TEKS: http://ritter.tea.state.tx.us/rules/tac/chapter111/index.html		Lead4Ward materials and resources for TEKS correlation Online HMH textbook for additional videos and concept reinforcement Current TEKS: http://ritter.tea.state.tx.us/rules/tac/chapter111/index.html	

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	3 rd Grading Period (47 days)	4 th Grading Period (51 days)
Focus TEKS (R) readiness standards (S) supporting standards	<p>Unit 6: Linear Equations (16 days) <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>Unit 7: Measurement & Statistics (12 days) <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>GEOMETRY [26 DAYS]</p> <p>Unit 8: Geometric Concepts (12 days) <i>Congruent/Similar, Transformations, Angles, Triangles, Transversals</i> 7.5AC, 7.11C, 8.3ABC, 8.8D, 8.10ABCD</p> <p>Unit 9: Composite Shapes & Circles (7 days) <i>Circumference/Area of Circles, Area of Composite Shapes</i> 7.5B, 7.8C, 7.9BC</p>	<p>Unit 10: 3D Geometry Part I (7 days) <i>Volume and Surface Area of Prisms and Pyramids</i> 7.8AB, 7.9AD, 8.7B</p> <p>Unit 11: Probability (10 days) <i>Events, Outcomes, Theoretical/Experimental, Independent/Dependent Events</i> 7.6ABCDEFHI</p> <p>Unit 12: Financial Literacy (6 days) <i>Budgets, Incentives, Taxes, Investing, College, Credit</i> 7.13ABCDEF, 8.12ABCDEFG</p> <p>STAAR & STAAR Review (6 days)</p> <p>Unit 13: Pythagorean Theorem (7 days) <i>Radicals, Pythagorean, Distance Formula</i> 8.6C, 8.7CD</p> <p>Unit 14: 3D Geometry Part II (7 days) <i>Volume and Surface Area of Cylinders, Cones, and Spheres</i> 8.6AB, 8.7AB</p> <p>Exam Review, Semester Exam, End-of Year (8 days)</p>
Topic Focus	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
Additional Support (resources)	HMH 7 th Grade Chapter 4, 7, 9, 10, 11, 12 HMH 8 th Grade Chapter 4, 5, 6, 7, 9, 10, 14, 15 Carnegie 8 th Grade Chapter 3, 4, 5, 7, 10, 11, 12, 14, 15, 17	HMH 7 th Grade Chapter 5, 6, 9, 10, 13, 14 HMH 8 th Grade Chapter 8, 9, 10, 16 Carnegie 8 th Grade Chapter 2, 13, 17
Additional Support (key concepts)	Lead4Ward materials and resources for TEKS correlation Online HMH textbook for additional videos and concept reinforcement Current TEKS: http://ritter.tea.state.tx.us/rules/tac/chapter111/index.html	Lead4Ward materials and resources for TEKS correlation Online HMH textbook for additional videos and concept reinforcement Current TEKS: http://ritter.tea.state.tx.us/rules/tac/chapter111/index.html
Ongoing Throughout the Year - Process Standards: 7.1ABCDEFGF, 8.1ABCDEFGF		