



Carroll ISD Sixth Grade Math 2021-2022 Year-At-A-Glance

	1 st Grading Period	2 nd Grading Period	3 rd Grading Period	4 th Grading Period
Process Standards	Mathematical Process Skills: The student uses mathematical processes to acquire and demonstrate mathematical understanding: 6.1A,B,C,D,E,F,G			
TEKS	<u>Unit 1: Introduction to Integers</u> 6.2ABC, 6.2D <u>Unit 2: Decimal Operations</u> 6.3E <u>Unit 3: Fraction Operations</u> 6.2E, 6.3AB, 6.3E	<u>Unit 4: Integer Operations</u> 6.3C, 6.3D <u>Unit 5: Equations and Inequalities</u> 6.7A, 6.7B, 6.7C, 6.7D, 6.9ABC, 6.10A, 6.10B	<u>Unit 6: Functions</u> 6.4A, 6.6A, 6.6B, 6.6C, 6.11A <u>Unit 7: Ratios, Rates, Proportions, Percent</u> 6.4B, 6.4CDEF, 6.4G, 6.4H 6.5ABC, <u>Unit 8: Geometry</u> 6.8ABC, 6.8D	<u>Unit 9: Statistics</u> 6.12A, 6.12B, 6.12C, 6.12D, 6.13A 6.13B <u>Unit 10: Personal Financial Literacy</u> 6.14ABC, 6.14D, 6.14EFGH <u>Unit 11: End-Of-Year Project</u>

<p style="text-align: center;">Topic Focus</p>	<p><u>Introduction to Integers</u></p> <ul style="list-style-type: none"> ● Classify rational numbers ● Compare/Order Integers ● Absolute Value/Opposites <p><u>Decimal Operations</u></p> <ul style="list-style-type: none"> ● Represent and solve multiplication and division of decimals <p><u>Fraction Operations</u></p> <ul style="list-style-type: none"> ● Represent and solve multiplication and division of fractions 	<p><u>Integer Operations</u></p> <ul style="list-style-type: none"> ● Represent and solve all integer operations with rational numbers <p><u>Equations and Inequalities</u></p> <ul style="list-style-type: none"> ● Prime Factorization ● Order of Operations ● Exponents ● Expressions and Equations ● Algebraic representations ● Generating Equivalent Expressions using properties of operations ● Solving one step algebraic equations with all operations ● Writing and Solving Inequalities 	<p><u>Functions</u></p> <ul style="list-style-type: none"> ● Independent and Dependent Variables in tables and graphs ● Writing equations from tables ● Representing Algebraic relationships in tables and graphs ● Graphing in the coordinate plane ● Additive/Multiplicative Relationships <p><u>Ratios, Rates, Proportions, Percent</u></p> <ul style="list-style-type: none"> ● Comparing Additive & Multiplicative relationships ● Benchmark Percents ● Percent Equations ● Converting Measurements <p><u>Geometry</u></p> <ul style="list-style-type: none"> ● Attributes of triangles ● Area of quadrilaterals and triangles ● Volume 	<p><u>Statistics</u></p> <ul style="list-style-type: none"> ● Representing data with different types of graphs <p><u>Personal Financial Literacy</u></p> <ul style="list-style-type: none"> ● Choosing a Bank ● Protecting Your Credit ● Paying for college ● Wages, Salaries, Careers <p><u>End-Of-Year Project</u></p> <ul style="list-style-type: none"> ● Students apply knowledge of ratios, percents, and proportions to a real-world situation
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Additional Resources	<u>Introduction to Integers</u> Texas Go Math • Modules 1, 2	<u>Integer Operations</u> Texas Go Math • Modules 5,6	<u>Functions</u> Texas Go Math • Module 14	<u>Statistics</u> Texas Go Math • Module 17
	<u>Decimal Operations</u> Texas Go Math • Module 4	<u>Equations and Inequalities</u> Texas Go Math • Module 4	<u>Ratios, Rates, Proportions, Percent</u> Texas Go Math • Modules 7,8,9	<u>Personal Financial Literacy</u> Texas Go Math • Module 18
	<u>Fraction Operations</u> Texas Go Math • Module 3		<u>Geometry</u> Texas Go Math • Modules 15,16	
Imagine Math (All Year)				

Bold Indicates Power Standards: 6.2D, 6.3DE, 6.4B, 6.4GH, 6.5B, 6.6C, 6.7A, 6.7D, 6.8D, 6.10A, 6.11A, 6.12CD, 6.13A