



Carroll ISD Sixth Grade Compacted 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,C,D,E,F,G			
TEKS	<u>Unit 1: Operations with ALL Rational Numbers</u> 6.2BCE, 6.3A, 6.3D, 6.7A, 7.2A, 7.3A, 7.3B <u>Unit 2: Equations and Inequalities</u> 6.7C, 6.7D, 6.9ABC, 6.10A, 6.10B, 7.10ABC, 7.11A, 7.11B	<u>Unit 3: Functions</u> 6.4A, 6.6AB, 6.6C, 6.11A, 7.4A, 7.4BC, 7.7 <u>Unit 4: Ratios, Proportions, Percent</u> 6.4B, 6.4CDEF, 6.4G, 6.5ABC, 7.4D, 7.13AF	<u>Unit 5: Measurement</u> 6.4H, 6.5A, 6.8A, 7.4E, 7.5A, 7.5C, 7.11C <u>Unit 6: Geometry</u> 6.8BC, 6.8D, 7.5B, 7.8ABC, 7.9ABC, 7.9D <u>Unit 7: Measurement and Geometry Project</u>	<u>Unit 8: Statistics</u> 6.12ABCD, 6.13AB, 7.6F, 7.6G, 7.12A, 7.12BC <u>Unit 9: Probability</u> 7.6ACDE, 7.6BF, 7.6H, 7.6I <u>Unit 10: Personal Financial Literacy</u> 7.13ABCDEF
Topic Focus	<u>Operations with ALL Rational Numbers</u> <ul style="list-style-type: none"> ● Estimate reasonable solutions to problems with all operations ● Represent and solve all operations with rational numbers <u>Equations and Inequalities</u> <ul style="list-style-type: none"> ● Variables and expressions ● Writing expressions and equations ● Modeling equations ● Solving one and two step equations with & without integers ● Generating Equivalent Expressions 	<u>Functions</u> <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 ● Proportionality <u>Ratios, Proportions, Percent</u> <ul style="list-style-type: none"> ● Using Ratios & Rates to solve problems ● Comparing Additive & Multiplicative relationships ● Writing and Solving Problems with Proportions 	<u>Measurement</u> <ul style="list-style-type: none"> ● Classify Angles and Triangles ● Identify Angles created with two parallel lines and a transversal ● Sum of Angle Measures in a Triangle Relationship between sides and angles in a Triangle ● Solve for missing angle of a triangle ● Converting Measurements within the same system and between systems <u>Geometry</u> <ul style="list-style-type: none"> ● Circumference and area of circles 	<u>Statistics</u> <ul style="list-style-type: none"> ● Representing data with different types of graphs <u>Probability</u> <ul style="list-style-type: none"> ● Theoretical and Experimental ● Probability of simple and compound events ● Tree diagrams ● Conduct simulations using technology <u>Personal Financial Literacy</u> <ul style="list-style-type: none"> ● Paying for College ● Sales and Income Tax ● Personal Budget ● Simple and Compound Interest ● Monetary Incentives

	<ul style="list-style-type: none"> • Adding, subtracting, multiplying, and dividing equations • Writing Inequalities using all operations and rational numbers • Graph Inequalities 	<ul style="list-style-type: none"> • Understanding Percent • Problems using Percent Equations and Percent Proportions • Percent of increase and decrease • Discounts/Markups/Sales Tax/Tips • Scale Drawing 	<ul style="list-style-type: none"> • Model and represent volume of prisms and pyramids • Solve problems using volume of solid figures, and circumference and area of circles <p><u>Measurement and Geometry Project</u></p> <ul style="list-style-type: none"> • Project that applies student knowledge and skills in measurement, geometry and operations to a real world situation. 	
Additional Resources	<p><u>Operations with ALL Rational Numbers</u> Texas Go Math Grade 7</p> <ul style="list-style-type: none"> • Module 1 <p><u>Equations and Inequalities</u> Texas Go Math</p> <ul style="list-style-type: none"> • Grade 6: Module 12 • Grade 7: Module 8 	<p><u>Functions</u> Texas Go Math</p> <ul style="list-style-type: none"> • Grade 6: Modules 8,14 • Grade 7: Module 7 <p><u>Ratios, Proportions, Percent</u></p> <ul style="list-style-type: none"> • Grade 6: Modules 7,8,9 • Grade 7: Module 2 	<p><u>Measurement</u> Texas Go Math</p> <ul style="list-style-type: none"> • Grade 6: Modules 15,16 • Grade 7: Modules 3,4,9 <p><u>Geometry</u> Texas Go Math Grade 7</p> <ul style="list-style-type: none"> • Modules 4,9,10 	<p><u>Statistics</u> Texas Go Math</p> <ul style="list-style-type: none"> • Grade 6: Module 17 • Grade 7: Modules 11,12 <p><u>Probability</u> Texas Go Math Grade 7</p> <ul style="list-style-type: none"> • Modules 5,6 <p><u>Personal Financial Literacy</u> Texas Go Math</p> <ul style="list-style-type: none"> • Grade 6: Module 18 • Grade 7: Modules 13,14
Imagine Math (All Year)				

Bold Indicates Power Standards

Sixth Grade: 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

Seventh Grade: 7.3B, 7.4AD, 7.5C, 7.6GHI, 7.7A, 7.9ABC, 7.11A, 7.12A