

**Course Name:** 5<sup>th</sup> Grade Mathematics

**School Year:** 2021-2022

**Course Purpose and Relevance:**

The primary focal areas in Grade 5 are solving problems involving all four operations with positive rational numbers, determining, and generating formulas and solutions to expressions, and extending measurement to area and volume. These focal areas are supported throughout the mathematical strands of number and operations, algebraic reasoning, geometry and measurement, and data analysis. In Grades 3-5, the number set is limited to positive rational numbers.

- In number and operations, students will apply place value and identify part-to-whole relationships and equivalence.
- In algebraic reasoning, students will represent and solve problems with expressions and equations, build foundations of functions through patterning, identify prime and composite numbers, and use the order of operations.
- In geometry and measurement, students will classify two-dimensional figures, connect geometric attributes to the measures of three-dimensional figures, use units of measure, and represent location using a coordinate plane. In data analysis, students will represent and interpret data.

**Available Support for Student Learning:** Access student resources through the CCISD Student Portal

- Think Central (where the Go Math! resources are located)
- Dreambox

**Link to Course TEKS on State website:**

<http://ritter.tea.state.tx.us/rules/tac/chapter111/ch111a.html#111.7>  
<https://www.texasgateway.org/resource/mathematics-teks-supporting-information>

# Year-at-a-Glance 21-22

<b>Subject</b>	Elementary Mathematics	<b>PEIMS Code</b>	
<b>Prerequisites</b>	K-4th	<b>Grade Level</b>	<b>5th</b>

Days of Instruction	Date	Concept	ER/H/PL Dates
4	August 16-20	<p align="center"><b>Unit 0</b>  <b>Financial Literacy</b>                      Cover this unit as time allows throughout the school year                      Budget Project in Unit 5</p> <p align="center"><b>Unit 1</b>                      First 9 days of school                      BB 1 - Number Relationships: Decimals                      BB 2 – Number Operations: Addition &amp; Subtraction (whole numbers, decimals, and fractions)</p>	PL 16 <sup>th</sup>
5	August 23-27		
5	Aug 30-Sept 3		
4	Sept 6-10		H 6 <sup>th</sup>
5	Sept 13-17		
5	Sept 20-24		
5	Sept 27-Oct 1		
5	Oct 4-8	<p align="center"><b>Unit 2</b></p> <p align="center">BB 1 – Multiplication &amp; Division                      (whole numbers)                      BB 2 – Algebraic Reasoning                      (all 4 operations with whole numbers)                      BB 3 – Multiplication &amp; Division                      (decimals and fractions)</p>	PL 11 <sup>th</sup>
4	Oct 11-15		
5	Oct 18-22		
5	Oct 25-29		
5	Nov 1-5		
5	Nov 8-12		
5	Nov 15-19		H 22 <sup>nd</sup> - 26 <sup>th</sup>
5	Nov 29-Dec 3		
3	Dec 6-10		
3	Dec 13-17		ER 17 <sup>th</sup> H - 19 <sup>th</sup> - 4 <sup>th</sup>
3	Jan 3-7	<p align="center"><b>Unit 3</b></p> <p align="center">BB1 – Data Analysis</p> <p align="center">BB 2 – Graphing on a Coordinate Plane</p> <p align="center">BB 3 – Customary and Metric Measurement</p>	
5	Jan 10-14		
4	Jan 17-21		H 17 <sup>th</sup>
5	Jan 24-28		
5	Jan 31-Feb 4		
5	Feb 7-11		
5	Feb 14-18		
4	Feb 21-25		PL 21 <sup>st</sup>
5	Feb 28-March 4		
5	March 7-11		
2	March 21-25	<p align="center"><b>Unit 4</b></p> <p align="center">Geometry &amp; Perimeter/Area/Volume</p>	
5	March 28-April 1		
5	April 4-8		
3	April 11-15		H 15 <sup>th</sup>
5	April 18-22		
5	April 25-29		
5	May 2-6	<p align="center"><b>Unit 5 Mastering 5<sup>th</sup> Grade</b></p> <p align="center">Review for STAAR                      STAAR Assessment                      Master TEKS that will complete learning progressions or                      prepare students for 6<sup>th</sup> grade</p>	
2	May 9-13		
5	May 16-20		
3	May 23-27		ER 26 <sup>th</sup> PL 27 <sup>th</sup>