

Course Name: 3rd Grade Mathematics

School Year: 2021-2022

Course Purpose and Relevance:

The primary focal areas in Grade 3 are place value, operations of whole numbers, and understanding fractional units. 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 focus on applying place value, comparing, and ordering whole numbers, connecting multiplication and division, and understanding and representing fractions as numbers and equivalent fractions.
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- In algebraic reasoning, students will use multiple representations of problem situations, determine missing values in number sentences, and represent real-world relationships using number pairs in a table and verbal descriptions.
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- In geometry and measurement, students will identify and classify two-dimensional figures according to common attributes, decompose composite figures formed by rectangles to determine area, determine the perimeter of polygons, solve problems involving time, and measure liquid volume (capacity) or weight. In data analysis, students will represent and interpret data.
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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#111.5>
<https://www.texasgateway.org/resource/mathematics-teks-supporting-information>

Year-at-a-Glance 21-22

Subject	Elementary Mathematics	PEIMS Code	
Prerequisites	K-2nd	Grade Level	3rd

Days of Instruction	Date	Concept	ER/H/PL Dates
4	August 16-20	<p align="center">Unit 1 – Place Value & Fractions</p> <ul style="list-style-type: none"> • First 9 days – Process Standards (TEKS 3.1A-G) • Whole Number Relationships to 100,000 (TEKS 3.2A-D) • Fractional Relationships (TEKS 3.3A-H, 3.6E, 3.7A) <p>***Financial Literacy - (weave lessons into year or teach TEKS 3.9A-F through an effective classroom economy)</p>	PL 16 th
5	August 23-27		
5	Aug 30-Sept 3		
4	Sept 6-10		H 6 th
5	Sept 13-17		
5	Sept 20-24		
5	Sept 27-Oct 1		
5	Oct 4-8		
4	Oct 11-15		PL 11 th
5	Oct 18-22		
5	Oct 25-29	<p align="center">Unit 2 Addition & Subtraction</p> <ul style="list-style-type: none"> • Represent and Solve Addition and Subtraction to 1,000 (TEKS 3.4A-B, 3.5A) • Perimeter and Money (TEKS 3.7B, 3.4C) 	
5	Nov 1-5		
5	Nov 8-12		
5	Nov 15-19		H 22 nd -26 th
5	Nov 29-Dec 3		
3	Dec 6-10		
3	Dec 13-17		ER 17 th H - 19 th -4 th
3	Jan 3-7	<p align="center">Unit 3 Multiplication & Division</p> <ul style="list-style-type: none"> • Multiplication and Division Facts (TEKS 3.4DEFHIJ, 3.5D, 3.6CD) • Represent and Solve Multiplication and Division (TEKS 3.4GHJK, 3.5BCD) • Algebraic Reasoning – Patterns in Tables (TEKS 3.5E) 	
5	Jan 10-14		
4	Jan 17-21		H 17 th
5	Jan 24-28		
5	Jan 31-Feb 4		
5	Feb 7-11		
5	Feb 14-18		
4	Feb 21-25		PL 21 st
5	Feb 28-March 4		
5	March 7-11	<p align="center">Unit 4 Geometry & Measurement</p> <ul style="list-style-type: none"> • 2-Dimensional Geometry (TEKS 3.6AB) • 3-Dimensional Geometry (TEKS 3.6A) • Measurement – Time (TEKS 3.7C) • Measurement – Capacity and Weight (TEKS 3.7DE) 	
5	March 21-25		
3	March 28-April 1		
5	April 4-8		
4	April 11-15		H 15 th
5	April 18-22		
5	April 25-29	<p align="center">Unit 5 Data Analysis</p> <ul style="list-style-type: none"> • Data Analysis (TEKS 3.8AB) 	
5	May 2-6		
5	May 9-13	<p align="center">Unit 6 Mastering 3rd Grade</p> <ul style="list-style-type: none"> • Review for STAAR • STAAR Assessment • Master TEKS on learning progressions 	
3	May 16-20		
5	May 23-27		
2	May 23-27		ER 26 th PL 27 th