

Course Name: 4th Grade Mathematics

School Year: 2021-2022

Course Purpose and Relevance:

The primary focal areas in Grade 4 are use of operations, fractions, and decimals and describing and analyzing geometry and measurement. 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 represent points on a number line that correspond to a given fraction or terminating decimal.
- In algebraic reasoning, students will represent and solve multi-step problems involving the four operations with whole numbers with expressions and equations and generate and analyze patterns.
- In geometry and measurement, students will classify two-dimensional figures, measure angles, and convert units of measure. 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#111.6>
<https://www.texasgateway.org/resource/mathematics-teks-supporting-information>

Year-at-a-Glance 21-22

Subject

Elementary Mathematics

PEIMS Code

Prerequisites

K-3rd

Grade Level

4th

| Days of Instruction | Date | Concept | ER/H/PL Dates | |
|---------------------|------------------|--|---------------------|--|
| 4 | August 16-20 | <p align="center">Unit 1-Whole Number Place Value, Fractions, and Decimal Place Value</p> <ul style="list-style-type: none"> • First 9 days – Process Standards Review (TEKS 4.1A-G) • Whole Number Relationships (TEKS 4.2A-C) • Fraction Relationships (TEKS 4.3A-D,4.3G) • Decimal Relationships (TEKS 4.2A-B, 4.2E-H, 4.3G) | 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"> • Whole numbers, decimals to hundredths, and fractions with like denominators (TEKS 4.2D, 4.4A, 4.4G, 4.5A, 4.8C, 4.3EF) | | |
| 5 | Nov 1-5 | | | |
| 5 | Nov 8-12 | | | H 22 nd -26 th |
| 5 | Nov 15-19 | | | |
| 5 | Nov 29-Dec 3 | | | |
| 3 | Dec 6-10 | <p align="center">Unit 3 Multiplication & Division</p> <ul style="list-style-type: none"> • Multiplication (TEKS 4.4B-D, 4.4G-H) • Division (TEKS 4.4E-H) • Algebraic Reasoning – Mixed PS (TEKS 4.5A-B) • Measurement Applications (TEKS 4.5C-D, 4.8A-C) | | ER 17 th H - 19 th -4 th |
| 3 | Dec 13-17 | | | PL 3 rd -4 th |
| 3 | Jan 3-7 | | | |
| 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 & Angles</p> <ul style="list-style-type: none"> • Geometry (TEKS 4.6A-D) • Angles (TEKS 4.7A-E) | | |
| 5 | March 21-25 | | | |
| 3 | March 28-April 1 | | | |
| 5 | April 4-8 | | | |
| 4 | April 11-15 | <p align="center">Unit 5 Data Analysis & Financial Literacy</p> <ul style="list-style-type: none"> • Data Analysis (TEKS 4.9A-B) • Financial Literacy (TEKS 4.10A-E) | | H 15 th |
| 5 | April 18-22 | | | |
| 5 | April 25-29 | | | |
| 5 | May 2-6 | <p align="center">Unit 6 Mastering 4th Grade</p> <ul style="list-style-type: none"> • Review for STAAR • STAAR Assessment • Mastering TEKS on learning progressions | | |
| 3 | May 9-13 | | | |
| 5 | May 16-20 | | | |
| 2 | May 23-27 | | | ER 26 th PL 27 th |