CFISD 8th Grade Math Lab

Scope and Sequence (2025–2026)

Course Description

The 8th Grade Math Intervention course is designed to support students in developing a deeper understanding of critical mathematical concepts while closing learning gaps and building confidence in problem-solving. This course aligns with the key focal areas of 8th grade math: proportionality; expressions, equations, and relationships; foundations of functions; and measurement and data. Students will strengthen their grasp of real number operations and explore mathematical relationships through multiple representations—verbal, numerical, graphical, and symbolic. Emphasis will be placed on proportional reasoning, algebraic thinking, and functional relationships to help students analyze how changes in one quantity affect another. Students will also begin building a foundational understanding of functions to support future success in algebra. Through targeted instruction and hands-on learning, students will apply geometric and measurement concepts to real-world situations, develop spatial reasoning, and interpret data using statistical methods. Graphing technology will be used regularly to enhance algebra readiness and deepen conceptual understanding. This intervention course provides individualized support, frequent feedback, and engaging opportunities to build mathematical fluency, preparing students to confidently meet grade-level expectations and succeed in high school mathematics.

Texas Essential Knowledge and Skills: CFISD 382, Math Grade 8, On-Level

First Semester (81 Days)

1st Grading Period

Unit	Start Date	End Date
Building Relationships	Aug. 13, 2025	Aug. 15, 2025
Equations and Inequalities	Aug. 18, 2025	Sep. 17, 2025
Linear Functions	Sep. 18, 2025	Oct. 9, 2025

2nd Grading Period

Unit	Start Date	End Date
Linear Functions	Oct. 15, 2025	Nov. 17, 2025
Financial Literacy	Nov. 18, 2025	Dec. 11, 2025
Data Analysis	Dec. 12, 2025	Dec. 18, 2025

Last updated: May 15, 2025

Second Semester (92 Days)

3rd Grading Period

Unit	Start Date	End Date
Transformational Geometry	Jan. 6, 2026	Feb. 6, 2026
Measurement	Feb. 9, 2026	Mar. 6, 2026

4th Grading Period

Unit	Start Date	End Date
Measurement	Mar. 16, 2026	Mar. 30, 2026
STAAR Review	Mar. 31, 2026	Apr. 21, 2026
Pre-Algebra	Apr. 22, 2026	May 28, 2026

Notes

**The length of each unit is a specific number of days, but it is understood that there is a range of +/- a day. The purpose of the flexibility is meant to allow teachers the opportunity to plan for the needs of their students and to accommodate re-teaching or review when necessary. If pre-assessment indicates student mastery could be obtained in a fewer number of days, the additional time could be used for extension or carried into the next unit.

Instructional Materials

Texas Go Math! Grade 8

Houghton Mifflin Harcourt

Last updated: May 15, 2025