

CFISD Algebra I Scope and Sequence (2025–2026)

Course Description

L-Level math students in Algebra I study the Texas Essential Knowledge and Skills required for Algebra I. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology, specifically the graphing calculator, to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

Texas Essential Knowledge and Skills: [Algebra I - L Level](#)

First Semester (81 Days)

1st Grading Period

| Unit | Start Date | End Date |
|----------------------|---------------|--------------|
| Linear Relationships | Aug. 13, 2025 | Oct. 9, 2025 |

2nd Grading Period

| Unit | Start Date | End Date |
|---------------------------------------|---------------|---------------|
| Systems | Oct. 15, 2025 | Nov. 13, 2025 |
| * Exponential Functions and Equations | Nov. 15, 2025 | Dec. 18, 2025 |

Second Semester (92 Days)

3rd Grading Period

| Unit | Start Date | End Date |
|-----------------------|---------------|---------------|
| Quadratic Functions | Jan. 6, 2026 | Jan. 27, 2026 |
| Polynomial Operations | Jan. 28, 2026 | Feb. 25, 2026 |
| Quadratic Equations | Feb. 26, 2026 | March 6, 2026 |

4th Grading Period

| Unit | Start Date | End Date |
|-----------------------------------|----------------|----------------|
| Quadratic Equations | March 16, 2026 | April 2, 2026 |
| STAAR Review/STAAR Administration | April 7, 2026 | April 21, 2026 |
| Sequences | April 22, 2026 | April 30, 2026 |
| *Algebra Integration | May 1, 2026 | May 28, 2026 |

Notes

* Includes time for Final Exams.

**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

Houghton Mifflin Harcourt Texas Algebra I Houghton Mifflin Harcourt