CFISD Algebra II Scope and Sequence (2025–2026)

Course Description

In Algebra II, students will broaden their knowledge of quadratic functions, exponential functions, and systems of equations. Students will study logarithmic, square root, cubic, cube root, absolute value, rational functions, and their related equations. Students will connect functions to their inverses and associated equations and solutions in both mathematical and real-world situations. In addition, students will extend their knowledge of data analysis and numeric and algebraic methods. Students will use technology, specifically the graphing calculator, to collect and explore data and analyze statistical relationships.

Texas Essential Knowledge and Skills: Algebra II

First Semester (81 Days)

1st Grading Period

Unit	Start Date	End Date
Linear Systems	Aug. 13, 2025	Sep. 12, 2025
Absolute Value	Sep. 15, 2025	Sep. 29, 2025
Quadratics	Sep. 30, 2025	Oct. 9, 2025

2nd Grading Period

Unit	Start Date	End Date
*Quadratics	Oct. 15, 2025	Dec. 18, 2025

Second Semester (92 Days)

3rd Grading Period

Unit	Start Date	End Date
Square Root Functions and Inverses	Jan. 6, 2026	Feb. 3, 2026
Cubic and Cube Root Functions	Feb. 4, 2026	Feb. 20, 2026
Exponential and Logarithmic Functions	Feb. 23, 2026	Mar. 6, 2026

4th Grading Period

Unit	Start Date	End Date
Exponential and Logarithmic Functions	Mar. 16, 2026	Apr. 13, 2026
*Rational Functions	Apr. 14, 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

Savvas Texas Algebra 2

Savvas