

CFISD Algebra II Scope and Sequence (2026–2027)

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 (80 Days)

1st Grading Period

Unit	Start Date	End Date
Linear Systems	Aug. 12, 2026	Sep. 10, 2026
Absolute Value	Sep. 11, 2026	Sep. 25, 2026
Quadratics	Sep. 28, 2026	Oct. 8, 2026

2nd Grading Period

Unit	Start Date	End Date
*Quadratics	Oct. 19, 2026	Dec. 18, 2026

Second Semester (93 Days)

3rd Grading Period

Unit	Start Date	End Date
Square Root Functions and Inverses	Jan. 5, 2027	Feb. 2, 2027
Cubic and Cube Root Functions	Feb. 3, 2027	Feb. 11, 2027
Exponential and Logarithmic Functions	Feb. 12, 2027	Mar. 11, 2027

4th Grading Period

Unit	Start Date	End Date
Exponential and Logarithmic Functions	Mar. 22, 2027	Apr. 6, 2027
*Rational Functions	Apr. 7, 2027	May 27, 2027

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