

CFISD Geometry Scope and Sequence (2025–2026)

Course Description

In Geometry, students will build on the knowledge and skills for mathematics and will begin to focus on more precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Students will connect previous knowledge from Algebra I to Geometry through the coordinate and transformational geometry strand. Students will use technology, specifically the graphing calculator, to collect and explore data.

Texas Essential Knowledge and Skills: [Geometry](#)

First Semester (81 Days)

1st Grading Period

Unit	Start Date	End Date
Points, Lines, & Planes	Aug. 13, 2025	Sep. 5, 2025
Angles	Sep. 8, 2025	Sep. 19, 2025
Parallel, Perpendicular, and Transversal Lines	Sep. 22, 2025	Oct. 7, 2025
Triangles	Oct. 8, 2025	Oct. 9, 2025

2nd Grading Period

Unit	Start Date	End Date
Triangles	Oct. 15, 2025	Oct. 24, 2025
* Congruence and Similarity	Oct. 27, 2025	Dec. 18, 2025

Second Semester (92 Days)

3rd Grading Period

Unit	Start Date	End Date
Advanced Transformations	Jan. 6, 2026	Jan. 22, 2026
Right Triangles	Jan. 23, 2026	Feb. 18, 2026
Polygons and Quadrilaterals	Feb. 19, 2026	Mar. 6, 2026

4th Grading Period

Unit	Start Date	End Date
Polygons and Quadrilaterals	Mar. 16, 2026	Mar. 18, 2026
Circles	Mar. 19, 2026	Apr. 10, 2026
Two-Dimensional Figures	Apr. 13, 2026	Apr. 21, 2026
Three-Dimensional Figures	Apr. 22, 2026	May 1, 2026
*Probability	May 4, 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 Geometry

Houghton Mifflin Harcourt

District/Teacher-created Resources