

Geometry

Scope and Sequence 2026-2027

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

Instructional Units	Days**	
First Semester (80 days)	Start Date	End Date
1st Grading Period	8/12/2026	10/8/2026
Probability	8/12/2026	8/21/2026
Points Lines & Planes	8/24/2026	9/16/2026
Angles	9/17/2026	9/30/2026
Parallel, Perpendicular, and Transversal Lines	10/1/2026	10/8/2026
*2nd Grading Period	10/19/2026	12/18/2026
Parallel, Perpendicular, and Transversal Lines	10/19/2026	10/27/2026
Triangles	10/28/2026	11/12/2026
*Congruence & Similarity (Congruence only)	11/13/2026	12/18/2026
Second Semester (93 days)	Start Date	End Date
3rd Grading Period	1/5/2027	3/11/2027
Congruence & Similarity (Similarity only)	1/5/2027	1/15/2027
Advanced Transformations	1/19/2027	2/3/2027
Right Triangles	2/4/2027	2/26/2027
Polygons and Quadrilaterals	3/1/2027	3/11/2027
*4th Grading Period	3/22/2027	5/27/2027
Polygons and Quadrilaterals	3/22/2027	3/30/2027
Circles	3/31/2027	4/20/2027
Two-Dimensional Figures	4/21/2027	4/30/2027
*Three-Dimensional Figures	5/3/2027	5/27/2027

* 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 Material(s):

Texas Geometry

McGraw Hill

District/Teacher-created Resources

5/15/2026