SECONDARY INSTRUCTION 2026-2027

New Caney ISD 2026-2027 Annual Sequence
Geometry

Lesson	*TEKS*
Bundle 1	
1-1 Measuring Segments and Angles (Vocabulary and Concepts)	TEKS G.4A, G.2A
1-2 Basic Construction	TEKS G.5B, G.5C
1-3 Midpoint and Distance	TEKS G2.A, G2.B
1-4 Inductive Reasoning	TEKS G.4C, G.4A, G.4B
1-5 Conditional Statements	TEKS G.4B
1-6 Deductive Reasoning	TEKS G.4B
1-7 Writing Proofs (Angle Theorems/Relationships)	TEKS G.4A, G.5A, G.6A
Bundle 2	
2-1 Parallel Lines (Postulates and Theorems)	TEKS G.5A, G.6A
2-2 Proving Lines Parallel	TEKS G.5A, G.5B, G.6A
2-4 Slopes of Parallel and Perpendicular Lines	TEKS G.2B, G.2C, G.5B
2-5 Compare Spherical and Euclidean Geometry	TEKS G.4D
2-3 Parallel Lines and Triangle Angle Sums	TEKS G.5A, G.6A, G.6D
3-1 Reflection	TEKS G.3A
3-2 Translations	TEKS G.3A, G.3B, G.3C
3-3 Rotations	TEKS G.3A, G.3C
3-4 Classification of Rigid Motions (Composition)	TEKS G.3A, G.3B, G.3C, G.6C
3-5 Symmetry	TEKS G.3D
4-1 Congruence	TEKS G.6C
4-3 Proving and Applying the SAS and SSS Congruence Criteria	TEKS G.5A, G.6B, G.6C
4-4 Proving and Applying the SAS and SSS Congruence Criteria	TEKS G.5A, G.6B, G.6C

4-5 Congruence of Right Triangles	TEKS G.5A, G.6B, G.6C
4-6 Congruence in Overlapping Triangles	TEKS G.5A, G.6B, G.6C
4-2 Isosceles and Equilateral Triangles	TEKS G.5A, G.6C
5-1 Perpendicular and Angle Bisectors	TEKS G.5A, G.5B, G.5C, G.6A, G.6D
5-2 Bisectors in Triangles	TEKS G.5A, G.6A, G.6D
5-3 Medians and Altitudes	TEKS G.5A, G.6A, G.6D
5-4 Inequalities in One Triangle	TEKS G.5A, G.6.A, G.6D
Bundle 3	
7-1 Dilations	TEKS G.3B, G.3C, G.7A
7-2 Similarity Transformations	TEKS G.3B, G.3C, G.7A
7-3 Proving Triangle Similar	TEKS G.7B, G.8A
7-5 Proportion in Triangles	TEKS G.5A, G.7B, G.8A
7-4 Similarity in Right Triangles	TEKS G.5A, G.7B, G.8A, G.8B
8-1 Right Triangles and Pythagorean Theorem	TEKS G.6D, G.9B
8-2 Trigonometric Ratios	TEKS G.9A
Bundle 4	
6-1 The Polygon Angle-Sum Theorem	TEKS G.5A
6-2 Kites and Trapezoids	TEKS G.5A
6-3 Properties of Parallelograms	TEKS G.5A, G.6E
6-4 Proving Quadralateral is a Parallelogram	TEKS G.5A, G.6E
6-5 Properties of Special Parallelograms	TEKS G.5A, G.6E
6-6 Conditions of Special Parallegrams	TEKS G.5A, G.6E
10-1 Arcs and Sectors	TEKS G.5A, G.12A, G.12B, G.12C, G.12D
10-2 Lines Tangent to a Circle	TEKS G.12A
9-3 Circles in the Coordinate Plane	TEKS G.12A, G.12E
10-4 Inscribed Angles	TEKS G.5A, G.12A
10-3 Chords	TEKS G.5A, G.12A
10-5 Secant Lines and Segments	TEKS G.5A, G.12A
11-1 Find the Area of a Regular Polygon	TEKS G.11A
11-2 Find the Areas of Composite Figures	TEKS G.11B
11-3 Three Dimensional Figures and Cross Sections	TEKS G.10A
11-4 Surface Area	TEKS G.10B, G.11C
11-5 Volumes of Prisms and Cylinders	TEKS G.10B, G.11C, G.11D

11-6 Pyramids and Cones	TEKS G10B, G.11D
11-7 Spheres	TEKS G.10A, G.11D
11-8 Explore Changing Dimensions	TEKS G.10B
12-1 Pobability of Events	TEKS G.13B, G.13C, G.13E
12-2 Conditional Probability	TEKS G.13B, G.13C, G.13D, G.13E
12-3 Permutations & Combinations	TEKS G.13A, G.13C, G.13B, G.13E
12-4 Probability Distributions	TEKS G.13B
12-5 Expected Value	TEKS G.13B
12-6 Probability and Decision Making	TEKS G.13B