

		1st Six Weeks		2nd Six Weeks		3rd Six Weeks		4th Six Weeks		5th Six Weeks		6th Six Weeks									
		8 days	6 days	6 days	7 days	6 days	6 days	5 days	10 days	5 days	6 days	7 days	7 days	3 days							
Essential Units of Study	Content Topics	01 Essentials of Geometry	02 Logical Argument and Deductive Reasoning	03 Parallel and Perpendicular Lines	04 Proofs and Triangle Congruence	05 Special Triangle Segments	06 Transformations	07 Similarity	08 Special Right Triangles & Trigonometry	09 Quadrilaterals	10 Circles	11 2-D Figures	12 3-D Figures	13 Probability							
		Derive and use the distance, slope, and midpoint formulas to verify geometric relationships, including congruence of segments and whether pairs of lines are parallel or perpendicular.	Construct logical arguments in regards to segments, angles, congruence, and bisectors. Using deductive reasoning and writing logical sentences. Verify that a conjecture is false using a counterexample. Identify and determine the validity of the converse, inverse, and contrapositive of a conditional statement.	Make conjectures and verify theorems about angles formed by the intersection of lines including vertical angles, and angles formed by parallel lines cut by a transversal. Determine an equation of a line parallel or perpendicular to a given line that passes through a given point.	Geometry Curriculum Based Assessment I (Oct 15-18, 2018) [EUS 1, 2, 3]			Prove two triangles are congruent by applying the Side-Angle-Side, Angle-Side-Angle, Side-Side-Side, Angle-Angle-Side, and Hypotenuse-Leg congruence conditions. Show that corresponding parts of congruent triangles are congruent.	Perpendicular bisectors, midsegments, angle bisectors, medians, altitudes. Triangle inequalities and Hinge Theorem. Points of concurrency - circumcenter. Centroid, incenter and orthocenter as time allows	Transform an image or pre-image of two-dimensional figures using translation, reflection, rotation, dilation in coordinate notation. The center can be any point in the plane	Geometry Semester Exam (Dec 18 - 21, 2018) [EUS 1 - 6]			Proving Triangle similarity. Ratios, proportions and scale factor. Similar polygons and proportionality theorems. Apply the Angle-Angle criterion to verify similar triangles and apply the proportionality of the corresponding sides to solve problems.	Radical review, Pythagorean Theorem and Converse of Pythagorean Theorem. Similar Right Triangles and Geometric Mean 30-60-90 and 45-45-90 right triangles. Right triangle trigonometry including finding unknown side length or angle.	Prove a quadrilateral is a parallelogram, rectangle, square, or rhombus using opposite sides, opposite angles, or diagonals and apply these relationships to solve problems. Make conjectures about the diagonals of quadrilaterals	Geometry Curriculum Based Assessment II (March 5-8, 2019) [EUS 7, 8, 9]		Properties of circles and the lines that intersect them: tangents, chords, secants, central angles, inscribed angles, equations and graphs of circles including center (h,k). Describe the radian measure of an angle as a ratio. Area and circumference of circle; Area of Sector, Arc Length and Arc Measure.	Area of triangles, parallelograms, trapezoids, rhombi, regular polygons, kites. Effect of dimension change on perimeter and area, including proportional and non-proportional dimensional change. Geometric probability.	Effect of change in surface area, and/or volume - using proportional and non-proportional dimensional change. Surface area, volume of prisms, cylinders, pyramids, cones, spheres. Lateral and total area, composite solids.
LISD Readiness TEKS	G.2B	G.4BC	G.5A	Geometry Curriculum Based Assessment I (Oct 15-18, 2018) [EUS 1, 2, 3]			G.5A G.6BD	G.5A G.6D	Geometry Semester Exam (Dec 18 - 21, 2018) [EUS 1 - 6]			G.7A	G.9AB	G.5A	Geometry Curriculum Based Assessment II (March 5-8, 2019) [EUS 7, 8, 9]		G.12AE	G.13B G.11B	G.11CD	G.13C	
LISD Supporting TEKS	G.2A G.5BC	G.4A G.5C G.6A	G.2C G.5B G.6A	Geometry Curriculum Based Assessment I (Oct 15-18, 2018) [EUS 1, 2, 3]			G.6C	G.5BD G.6A	G.3ABCD	Geometry Semester Exam (Dec 18 - 21, 2018) [EUS 1 - 6]			G.7B G.8A	G.8B	G.6E	Geometry Curriculum Based Assessment II (March 5-8, 2019) [EUS 7, 8, 9]		G.12BCD	G.10B G.11A	G.10AB G.4D	G.13ADE
McGraw Hill Resources	1.1 to 1.5	2-1 to 2-8	3-1 to 3-5	Geometry Curriculum Based Assessment I (Oct 15-18, 2018) [EUS 1, 2, 3]			4-1 to 4-6	5-1 to 5-3 5-5, 5-6	4-7 9-1 to 9-5	Geometry Semester Exam (Dec 18 - 21, 2018) [EUS 1 - 6]			7-1 / 7-7 7-2 to 7-6 9-6	8-1 to 8-5	6-1 to 6-6	Geometry Curriculum Based Assessment II (March 5-8, 2019) [EUS 7, 8, 9]		10-1 to 10-8, 11-3	11-1, 11-2, 11-4, 11-5, 13-3	12-1 to 12-6, 12-8	13-1, 13-2 13-5, 13-6

		1st Six Weeks		2nd Six Weeks		3rd Six Weeks		4th Six Weeks		5th Six Weeks			6th Six Weeks						
		7 days	7 days	6 days	6 days	6 days	7 days	6 days	8 days	5 days	8 days	5 days	6 days	4 days					
Essential Units of Study	Content Topics	01 Essentials of Geometry	02 Logical Argument and Deductive Reasoning	03 Parallel and Perpendicular Lines	04 Proofs and Triangle Congruence	05 Special Triangle Segments	06 Transformations	07 Similarity	08 Special Right Triangles & Trigonometry	09 Quadrilaterals	10 Circles	11 2-D Figures	12 3-D Figures	13 Probability					
		Derive and use the distance, slope, and midpoint formulas to verify geometric relationships, including congruence of segments and whether pairs of lines are parallel or perpendicular.	Construct logical arguments in regards to segments, angles, congruence, and bisectors. Using deductive reasoning and writing logical sentences. Verify that a conjecture is false using a counterexample. Identify and determine the validity of the converse, inverse, and contrapositive of a conditional statement. <i>PAP: Truth Tables</i>	Make conjectures and verify theorems about angles formed by the intersection of lines including vertical angles, and angles formed by parallel lines cut by a transversal. Determine an equation of a line parallel or perpendicular to a given line that passes through a given point. <i>PAP: Find the distance between a point and line and between parallel lines.</i>	Geometry Curriculum Based Assessment I (Oct 15-18, 2018) [EUS 1-3]		Prove two triangles are congruent by applying the Side-Angle-Side, Angle-Side-Angle, Side-Side-Side, Angle-Angle-Side, and Hypotenuse-Leg congruence conditions. Show that corresponding parts of congruent triangles are congruent. <i>PAP: Extension of Triangle Congruence Proofs</i>	Perpendicular bisectors, midsegment s, angle bisectors, medians, altitudes. Triangle inequalities and Hinge Theorem. Points of concurrency - circumcenter. Centroid, incenter and orthocenter as time allows. <i>PAP: Construct all points of concurrency</i>	Transform an image or pre-image of two-dimensional figures using translation, reflection, rotation, dilation in coordinate notation. The center can be any point in the plane	Geometry Semester Exam (Dec 18 - 21, 2018) [EUS 1 - 6]		Proving Triangle similarity. Ratios, proportions and scale factor. Similar polygons and proportionality theorems. Apply the Angle-Angle criterion to verify similar triangles and apply the proportionality of the corresponding sides to solve problems. <i>PAP: Extension of Triangle Similarity Proofs</i>	Radical review, Pythagorean Theorem and Converse of Pythagorean Theorem. Similar Right Triangles and Geometric Mean 30-60-90 and 45-45-90 right triangles. Right triangle trigonometry including finding unknown side length or angle. <i>PAP: Law sines/cosines</i>	Geometry Curriculum Based Assessment II (March 5-8, 2019) [EUS 7-9]		Prove a quadrilateral is a parallelogram, rectangle, square, or rhombus using opposite sides, opposite angles, or diagonals and apply these relationships to solve problems. Make conjectures about the diagonals of quadrilaterals	Properties of circles and the lines that intersect them: tangents, chords, secants, central angles, inscribed angles, equations and graphs of circles including center (h,k). Describe the radian measure of an angle as a ratio. Area and circumference of circle; Arc Length and Arc Measure.	Area of triangles, parallelograms, trapezoids, rhombi, regular polygons, kites. Effect of dimension change on perimeter and area, including proportional and non-proportional dimensional change. Geometric probability. <i>PAP: Accumulation of area.</i>	Effect of change in surface area, and/or volume - using proportional and non-proportional dimensional change. . Surface area, volume of prisms, cylinders, pyramids, cones, spheres. Lateral and total area, composite solids. <i>PAP: Spherical Geometry. Solids of revolution.</i>
IISD Readiness TEKS	G.2B	G.4BC	G.5A	Geometry Curriculum Based Assessment I (Oct 15-18, 2018) [EUS 1-3]		G.5A G.6BD	G.5A G.6D	Geometry Semester Exam (Dec 18 - 21, 2018) [EUS 1 - 6]		G.7A	G.9AB	G.5A	Geometry Curriculum Based Assessment II (March 5-8, 2019) [EUS 7-9]		G.12AE	G.13B G.11B	G.11CD	G.13C	
LISD Supporting TEKS	G.2A G.5BC	G.4A G.5C G.6A	G.2C G.5B G.6A	Geometry Curriculum Based Assessment I (Oct 15-18, 2018) [EUS 1-3]		G.6C	G.5BD G.6A	G.3ABC D	Geometry Semester Exam (Dec 18 - 21, 2018) [EUS 1 - 6]		G.7B G.8A	G.8B	G.6E	Geometry Curriculum Based Assessment II (March 5-8, 2019) [EUS 7-9]		G.12BCD	G.10B G.11A	G.10AB G.4D	G.13ADE
McGraw Hill Resource	1.1 to 1.5	2-1 to 2-8	3-1 to 3-5	Geometry Curriculum Based Assessment I (Oct 15-18, 2018) [EUS 1-3]		4-1 to 4-6	5-1 to 5-3 5-5, 5-6	4-7 9-1 to 9-5	Geometry Semester Exam (Dec 18 - 21, 2018) [EUS 1 - 6]		7-1 / 7-7 7-2 to 7-6 9-6	8-1 to 8-5	6-1 to 6-6	Geometry Curriculum Based Assessment II (March 5-8, 2019) [EUS 7-9]		10-1 to 10-8, 11-3	11-1, 11-2, 11-4, 11-5, 13-3	12-1 to 12-6, 12-8	13-1, 13-2 13-5, 13-6