

**Geometry At-a-Glance 2018-2019**

Dates	SOL	Chapter	Skill
8/7-10 (4)	n/a	n/a	Intro Week
8/13-17	G.3/4	1.1 – 1.3	Points, Lines, and Planes Linear Measure and Precision AND Distance and Midpoint
8/20-24	G.2/4	1.4 – 1.6	Angle Measure, Angle Relationships, AND Polygons
8/27-8/31	G.1	2.1 – 2.4	Inductive Reasoning and Conjecture Logic AND Conditional Statements AND Deductive Reasoning
9/4-7 (4)	G.1/2	2.5 – 2.8	Postulates and Paragraph Proof AND Algebraic Proof Proving Segment Relationships AND Proving Angle Relationships
9/10-14	G.2	3.1 – 3.2	Parallel Lines and Transversals AND Angles and Parallel Lines
9/17-20 (4)	G.2/3/4	3.3 - 3.4	Slopes of Lines AND Equations of Lines
9/24-28	G.2/3/4	3.5 – 3.6	Slopes of Lines AND Equations of Lines Proving Parallel Lines AND Perpendiculars and Distance
10/1-5			<b>REVIEW AND TEST (only Chapters 1 – 3)</b>
10/9-12 (4)	G.6	4.1 – 4.3	Classifying Triangles AND Angles of Triangles AND Congruent Triangles
10/15-19	G.3a/6	4.4 – 4.5	Proving Congruence (SSS, SAS, ASA, and AAS)
10/22-26	G.3a/6	4.6 – 4.7	Isosceles Triangles AND Triangles and Coordinate Proof
10/29-11/2	G.4/5	5.1 – 5.3	Bisectors, Medians, and Altitudes Inequalities and Triangles AND Indirect Proof
11/5-9 (4)	G.5	5.4 – 5.5	The Triangle Inequality AND Inequalities Involving Two Triangles
11/12-16	G.2/7/14	6.1 – 6.4	Proportions AND Similar Polygons AND Similar Triangles Parallel Lines and Proportional Parts
11/19-20 (2)	G.7/14	6.5 – 6.6	Parts of Similar Triangles AND Fractals and Self-Similarity
11/26-11/30	G.7/14	6.5 – 6.6	Parts of Similar Triangles AND Fractals and Self-Similarity
12/3-12/7			Projects
12/10-12/14			Projects and Presentations
12/17-19 (2.5)			<b>REVIEW AND TEST (Midterm: Chapter 1 - 6)</b>
WINTER BREAK			
1/3-4 (2)	G.8	7.1 – 7.2	Geometric Mean AND The Pythagorean Theorem and Its Converse
1/7-11	G.8	7.3 – 7.5	Special Right Triangles AND Trigonometry AND Angles of Elevation and Depression
1/14-18	G.8	7.6-7.7	Special Right Triangles AND Trigonometry AND Angles of Elevation and Depression
1/22-25 (4)	G.2/9/10	8.1 – 8.4	Angles of Polygons AND Parallelograms Tests for Parallelograms AND Rectangles
1/28-2/1	G.9	8.5 – 8.7	Rhombi and Squares AND Trapezoids Coordinate Proof with Quadrilaterals
2/4-2/8	G.3/10	9.1 -9.5, 9.7	Transformations AND Tessellations
2/11-2/15 (4.5)	G.3/10	9.1 -9.5, 9.7	Transformations AND Tessellations
2/19 – 2/22 (4)	G.11/12	10.1 – 10.4	Circles and Circumference AND Angles and Arcs Arcs and Chords AND Inscribed Angles
2/25- 3/1	G.11/12	10.5 – 10.8	Tangents AND Secants, Tangents, and Angle Measures Special Segments in Circles AND Equations of Circles
3/4 – 3/8 (4.5)	review	11.1 – 11.5	Areas of Polygons and Circles
3/11 -3/15	G.13	12.1 – 12.4	Surface Areas
3/18-3/22	G.13	12.5 – 12.7	Surface Areas
SPRING BREAK			
4/1 – 4/5		13.1 – 13.4	Volume
4/8-4/12	G.13/14	13.4	Congruent and Similar Solids
4/15– 4/19 (4.5)			Review for SOL
4/22- 4/26			Review for SOL
4/29- 5/3			Review for SOL and SOL
5/6-5/10			
5/13-5/17			

**Oct 6<sup>th</sup>**: End of 1<sup>st</sup> 9 weeks

**Dec 19<sup>th</sup>**: End of 2<sup>nd</sup> 9 weeks

**March 7<sup>th</sup>**: End of 3<sup>rd</sup> 9 weeks