

Curriculum Pacing Chart

2012-2013

Subject: Geometry

Week of	Week	SOL #	Unit	Bloom's	Objective
1st Nine Weeks					
12-Aug	1	G.1, G.3	Reasoning, Lines, and Transformations		Graph lines. Solve equations. Solve square roots and cube roots. Construct and judge validity of a logical argument (converse, inverse, contrapositive, and/or statements, verbal --> symbolic form, venn diagrams, deductive reasoning)
19-Aug	2	G.1, G.3a	Reasoning, Lines, and Transformations		Construct and judge validity of a logical argument (converse, inverse, contrapositive, and/or statements, verbal --> symbolic form, venn diagrams, deductive reasoning). Investigate and use formulas for finding distance, midpoint, and slope.
26-Aug	3	G.3b, G.3c, G.3d	Reasoning, Lines, and Transformations		Apply slope to determine whether lines are perpendicular or parallel. Investigate symmetry. Determining transformations.
1st Interim					
2-Sep	4	G.2a, G.2b	Reasoning, Lines, and Transformations		Determine parallelism using algebraic and coordinate methods.
9-Sep	5	G.2b, G.2c	Reasoning, Lines, and Transformations		Determine parallelism using deductive proofs. Solve real-world problems involving transversals.
16-Sep	6	G.5	Triangles		Order sides by length. Order angles by degree measure. Determine whether a triangle exists. Determine the range in which the length of the third side must lie.
2nd Interim					
23-Sep	7	G.6	Triangles		Prove two triangles congruent using algebraic methods, coordinate methods, and deductive proofs.
30-Sep	8	G.7	Triangles		Prove two triangles similar using algebraic methods, coordinate methods, and deductive proofs.
7-Oct	9	G.8	Triangles		Solve problems involving Pythagorean Theorem and its converse as well as properties of special right triangles.

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<u>2nd Nine Weeks</u>					
14-Oct	10	G.8	Triangles		Solve problems involving right triangle trigonometry.
21-Oct	11	G.9	Polygons & Circles		Use properties of quadrilaterals.
28-Oct	12	G.10, G.4	Polygons & Circles, Reasoning, Lines, and Transformations		Solve real world problems involving polygons. CONSTRUCTIONS.
<i>1st Interim</i>					
4-Nov	13	G.11, G.12	Polygons & Circles		Use properties of circles. Write the equation of a circle.
11-Nov	14	G.13	3D Figures		Find surface area and volume of 3D figures.
18-Nov	15	G.14	3D Figures		Use similar geometry objects to compare ratios of perimeters, areas, and volumes. Determine how the change of one measurement affects the rest of the measurements.
<i>2nd Interim</i>					
25-Nov	16				SOL
2-Dec	17		Prep for next class		Simplifying, add, subtract, multiply, divide radicals.
9-Dec	18		Prep for next class		Factor.