Richmond Public Schools
Suggested Pacing 2018-19
Mathematics Grade Geometry

SOL(s) Sequence	Suggested # of Days	Comments	
Prerequisite skills, Introduction to Geometry	2	Solving Equations, planes, points, lines, angles, bisectors, properties, other vocabulary	1st 9 Weeks
G.3a-b G.4a-d	4	Distance, midpoint, slope, construction of congruent segments, perpendicular bisectors, and perpendicular lines	
G.3c-d	2	Transformations and Symmetry	
G.1a-c	5	Conditional statements, symbolic form, deductive reasoning, and beginning proof	
G.2a-b G.4g	4	Parallel lines and transversals, proving lines parallel, construction of a line parallel to a given line	
G.12	3	Equation of a circle	
G.1, G.2, G.3, G.4a-d,g, G.12	2	9 week review and testing	
G.5	4	Triangle Inequality	2nd 9 Weeks
G.6 G.4e-f	5	Proving congruent triangles, construction of congruent angles and angle bisector	
G.7	4	Proving triangles similar	
G.8	5	Pythagorean theorem and converse, special right triangles, right triangle trigonometry	
G.1, G.2, G.3, G.4a-f, G.5, G.6, G.7, G.8, G.12	4	Semester review and testing	
G.9	5	Quadrilaterals	3rd 9 Weeks
G.10a-c	3	polygons	
G.11a-d G.4h	6	Circles, constructions of inscribed square, inscribed equilateral triangle and regular hexagon	
G.13	2	Surface area and volume	
G.14a-d	2	Similar solids	
G.1-G.14	2	9 week review and testing	
G.1-G.14	8-11	SOL Review	4th 9 Weeks
G.1-G.14	5	SOL Testing	
G.1-G.14	8	SOL Remediation and Enrichment Activities	