



Suggested Pacing 2018-19
 Mathematics Grade Geometry Part 2

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

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| 1 st 9 Weeks |
| 2 nd 9 Weeks |
| 3 rd 9 Weeks |
| 4 th 9 Weeks |

