

6 Geometry: Polygons & Quadrilaterals Progress

Name _____ Per _____ 1/15 – 2/10 (12 days)

Skill/Task	Due	Exit Ticket Score	Plan for mastering this skill
6.1 Polygons: interior & exterior angles	1/17		
6.2 Quadrilaterals properties & kite factory	1/22		
6.3 Quadrilaterals applications	2/3		
6.4 Quadrilaterals proof	2/5		
6.5 Coordinate Slope, Midpoint, & Pythagorean Theorem	2/10		
6.6 Coordinate Parallel & Perpendicular	2/12		
6.7 Coordinate Proofs	2/14		
Quadrilaterals Test	2/14		

G.G.27 Write a proof arguing from a given hypothesis to a given conclusion

G.G.36 Investigate, justify, and apply theorems about the sum of the measures of the interior and exterior angles of polygons

G.G.37 Investigate, justify, and apply theorems about each interior and exterior angle measure of regular polygons

G.G.38 Investigate, justify, and apply theorems about parallelograms involving their angles, sides, and diagonals

G.G.39 Investigate, justify, and apply theorems about special parallelograms (rectangles, rhombuses, squares) involving their angles, sides, and diagonals

G.G.40 Investigate, justify, and apply theorems about trapezoids (including isosceles trapezoids) involving their angles, sides, medians, and diagonals

G.G.41 Justify that some quadrilaterals are parallelograms, rhombuses, rectangles, squares, or trapezoids

G.G.69 Investigate, justify, and apply the properties of triangles and quadrilaterals in the coordinate plane, using the distance, midpoint, and slope formulas