

Name: J. Kanouse		Grading Quarter: Q4	Week 5 April 14 – April 18, 2025
School Year: 2024-25		Subject: GEOMETRY	
M o n d a y	Notes: Quiz Thursday	Objective: SWBAT Recall and apply area and perimeter formulas for squares, rectangles, parallelograms, triangles, and circles. Calculate area and perimeter given full dimensions. Use correct units for area and perimeter in context. Lesson Overview: Review of Area & Perimeter 10 min – Bellringer (basic shape ID and formula recall) 15 min – Direct instruction (formulas + example problems) 20 min – Guided practice (students work through 3 examples with support) 10 min – Independent practice 5 min – Exit ticket Practice and Homework: Review of area and perimeter	Academic Standards: 7.G.4 7.G.6
T u e s d a y	Notes:	Objective: SWBAT Rearrange area and perimeter formulas to isolate and solve for missing side lengths. Plot shapes on a coordinate plane and use coordinate differences to find side lengths. Determine area and perimeter using coordinates. Lesson Overview: Finding Missing Side Lengths & Coordinate Plane (Part 1) 5 min – Bellringer (label formulas from memory) 15 min – Direct instruction (solving for missing sides) 20 min – Coordinate plane intro + guided problems 15 min – Independent practice 5 min – Exit question: “How can the coordinate plane help you?” Practice and Homework: Area and perimeter on coordinate plane part 1	Academic Standards: 6.G.3 7.EE.4 7.G.6
W e d n e s d	Notes:	Objective: SWBAT Solve real-world problems by finding unknown side lengths given area or perimeter. Use coordinates to determine dimensions of polygons. Compute area and perimeter of shapes drawn on the coordinate plane.	Academic Standards: 6.G.3 7.G.1 7.G.6

a y		Lesson Overview: Additional Practice + Coordinate Plane (Part 2) 5 min – Bellringer (plot and label a rectangle on grid) 15 min – Review Day 2 mistakes + word problem model 20 min – Practice problems with shapes on grids 15 min – Word problems (real-world: fencing, tiling, etc.) 5 min – Exit slip: “Explain how to find the area of a shape on a grid.” Practice and Homework: Area and Perimeter on Coordinate Plane part 2	
T h u r s d a y	Notes:	Objective: SWBAT Demonstrate mastery of calculating area and perimeter. Apply formulas to solve word problems and coordinate plane geometry. Solve for missing dimensions in real-world and mathematical contexts. Lesson Overview: Quiz on Perimeter and Area 5 min – Setup and directions 35 min – Quiz 15 min – Early finishers do challenge problems or review errors Practice and Homework: Complete any missing work	Academic Standards: 7.G.4 7.G.6 6.G.3 7.EE.4
F r i d a y	Notes:	Objective: SWBAT Lesson Overview: NO SCHOOL Practice and Homework:	Academic Standards: