



4th Nine Weeks Parent Syllabus - Math Grade 5
2018-2019

Unit	“I can” Statements	Vocabulary
7	<p><u>G.1</u> I can identify the different parts of the coordinate grid, knowing and understanding: Origin x-axis, Ordered Pair, Quadrant 1, Point, Coordinate. I can place a point on the correct coordinate, given an ordered pair. I can identify the correct ordered pair, given a point in Quadrant 1. I can explain how to correctly move and locate points within Quadrant 1.</p> <p><u>G.2</u> I can locate points (coordinates) and follow directions on a coordinate grid that uses a real world example. I can use maps, pictures, or drawings with a coordinate grid imposed upon it to create real-world math problems that involve locating and graphing points within Quadrant 1. I can create Quadrant 1 using an x-axis and y-axis and graph points within Quadrant 1 that relate to real-world data. I can connect the points to look for structure or patterns in the data, leading to creating and interpreting line graphs.</p> <p><u>OA.3</u> I can create problems that require graphing points in Quadrant 1. I can interpret coordinate values of points. I can calculate terms of an ordered pair given a rule to follow. I can explain the relationship between two sets of patterns.</p> <p><u>G.3</u> I can classify and name the polygon when given attributes. I can sort polygons, especially quadrilaterals, into subcategories. I can compare and contrast different polygons. I can justify, explain, and debate the categorizing of different polygons.</p> <p><u>G.4</u> I can classify, draw, and name a polygon when given attributes. I can explain why squares are unique among quadrilaterals. I can create a hierarchy of polygons, such as quadrilaterals, sorted with those with the most attributes and narrowing down to those with the fewest attributes.</p>	<p><u>G.1</u> Perpendicular Axis, Coordinate Grid, Coordinates Origin, Ordered Pair, X-axis, Y-axis, X-coordinate, Y-coordinate</p> <p><u>G.2</u> Coordinates, Points, Coordinate Grid, Plane, Graph, Ordered Pair</p> <p><u>OA.3</u> Corresponding Terms, Number Sequence, Pattern, Graph, Quadrant, Coordinate Plane</p> <p><u>G.3</u> 2-dimensional figures, Quadrilaterals, Equilateral triangle, Right triangle, Obtuse triangle, Attribute, Category, Trapezoid, Parallelogram, Rhombus</p> <p><u>G.4</u> Point, Line, Angle, Obtuse, Acute, Right Perpendicular, Parallel, Polygon, Regular polygon, Irregular polygon, Classify, Property</p>

These are the learning targets your child will be expected to understand and perform. Also included is the vocabulary that will be used in the classroom, both orally and written.

