



Unit 6 : Geometry and Coordinate Planes

5th grade

Unit Summary :

In this unit students will extend their knowledge of geometry and geometric shapes. They will examine relationships of attributes in order to classify polygons in sub categories of one another. They will also explore the first quadrant of the coordinate plane using ordered pairs to name and plot points. They will apply numerical patterns to a given ordered pair, in order to graph the points to form a line. Using these skills students will solve real-life problems that relate to geometry and coordinate planes.

Essential Skills:

- Classify angles, triangles and quadrilaterals.
- Identify relationships between two-dimensional figures.
- Locate and explain points on a coordinate grid
- Represent patterns in data on a coordinate grid.

Unit Vocabulary :

acute, angle, attribute, axis/axes, congruent, coordinates, coordinate plane, equilateral, generate, horizontal, intersecting, irregular, isosceles, line, obtuse, ordered pairs, origin, parallel, pattern, perpendicular, plane, plot, point, polygon, properties, quadrilateral, ray, reflex, regular, relationship, rule, scalene, three-dimensional, two-dimensional, vertex