Enduring Understandings	Essential Questions	Indicators
Constructions are based on properties of geometric figures.	How are geometric properties used in constructions?	2.7.2.1 define and identify interior, exterior, alternate exterior, alternate interior, and corresponding angles that are formed by two lines cut by a transversal.
		2.7.2.2 identify and apply congruent and supplementary relationships of angles formed by cutting parallel lines by a transversal.
		2.7.2.3 use properties of vertical, complementary, and supplementary angles to determine the measure of other angles.
		2.7.3.1 use a compass and straightedge to construct basic elements of geometric figures including angles, segments, bisectors, and perpendicular lines.
Line and angles relationships represent aspects of the world we inhabit.	How do line relationships affect angle relationships?	2.7.5.1 name corresponding parts of congruent and similar figures.
		2.7.5.2 define and apply properties of congruent figures.
		2.7.1.1 identify parallel, perpendicular, intersecting, and skew lines and apply properties of parallelism and perpendicularity to problem situations.

Enduring Understandings	Essential Questions	Indicators
Constructions are based on properties of the geometric figures.	How are geometric properties used to construct geometric figures?	2.8.3.1 use a compass and straightedge to construct triangles and rectangles.
Relationships exist among the angles, sides, lengths, perimeters, areas, and volumes of geometric figures.	How are interior angles, exterior angles, and number of sides of a polygon related?	2.8.2.2 find measures of interior and exterior angles of a triangle.
		2.8.1.1 determine the sum of the measures of interior angles of polygons by partitioning into triangles.