Expectations	Indicators	Essential Questions	Enduring Understandings
2.1 The student will analyze two- and three-dimensional figures using tools and technology when appropriate.	2.1.1 analyze properties of geometric figures. 2.1.1.f represent and analyze polygons including regular, non-regular, composite, equilateral, and equiangular.	How are congruence and parallelism used to classify polygons?	
	2.1.3 use transformations to move figures create designs, and/or demonstrate geometric properties. Transformations include: 2.1.3.a reflections, rotations, translations and dilations 2.1.3.b the properties and relationship involving congruence, similarity and symmetry		
	2.1.4 construct and/or draw and/or validate properties of geometric figures using appropriate tools and technology. Properties and relationships include: 2.1.4.a line/segment relationships including parallel, perpendicular, intersecting, bisecting, midpoint, median, and altitude. 2.1.4.b collinear point relationships 2.1.4.c angles and angle relationships including bisector, obtuse, acute and right. 2.1.4.d polygons including regular, non-regular, equilateral, and equiangular.	How are constructions proven using the properties of geometric figures?	Properties of geometric figures can be proven.
2.2 The student will apply geometric properties to solve problems using tools and technology when appropriate.	2.2.1 identify and/or verify congruent and similar figures and/or apply equality or proportionality of their corresponding parts. 2.2.1.a identify and/or verify congruent figures and/or apply equality of their corresponding parts.	How is triangle congruence applied and verified?	
	2.2.3 use inductive or deductive reasoning. 2.2.3.d develop direct proofs using a paragraph, flowchart, or 2-column format.		