Enduring Understandings	Essential Questions	Indicators
The degree of precision in measurements depends on the measurement tool.	What determines the degree of precision of a measurement?	3.7.2.1 select tools and units to measure accurately and determine the degree of precision.
		3.7.2.2 demonstrate an understanding of precision, error, and tolerance in measurement.
Generalizations can be made to represent the relationship between area and volume.	How do the dimensions of a geometric figure affect area, surface area, and volume?	3.7.3.1 use models to find and derive a formula for surface area and volume of prisms and cylinders.
		3.7.3.2 use formulas to find the surface area and volume of basic three-dimensional figures, including prisms and cylinders.
		3.7.3.3 determine relationships between length and area and describe how a change in one affects the other.

Enduring Understandings	Essential Questions	Indicators
Selection of standard measurement tools and units depend on the real world situation.	How are one-, two- and three-dimensional measures related?	2.8.1.2 apply the properties of two- and three-dimensional figures to solve problems.
		3.8.3.1 determine relationships among length, area, and volume and describe how a change in one measure affects the others.
		3.8.2.1 estimate conversions between units of the same measurement system to solve problems.