**Unit NOS: Scientific Measurements**

**Vocabulary**

Constant Control Group Critical Thinking Dependent Variable Description

Experimental Group Explanation Hypothesis Independent Variable Inference

International System of Units Observation Percent Error Prediction

Qualitative Data Quantitative Data Science Scientific Law Scientific Notation

Scientific Theory Technology Variable

**Outline of Topics:**

1. Explain Scientific Inquiry (Scientific Method)
2. Explain why we need a standard system of measurement.
3. List and describe systems of measurement.
4. Describe and apply the SI system of measurement.
	1. List and make measurements using the standard unit of length, mass, time, and temperature.
	2. Use correct prefixes for metric measurements.
	3. Make metric conversions.

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