

Kenai Peninsula Borough School District
Science: Physical

Unit 1: INTRO TO PHYSICAL SCIENCE, SCIENTIFIC NOTATION AND THE METRIC SYSTEM

NGSS Standards:

MATH STANDARDS: - I will write in these

ELA STANDARDS: - I will write in these

ESSENTIAL QUESTIONS:

How do I use the scientific method in everyday life?

How are facts different than hypothesis?

How is a hypothesis different than a theory?

How can you use the metric system to determine the density, volume, area, mass, weight etc of an object?

BIG IDEAS:

Using the scientific method.

Fact versus hypothesis (theory)

Metric system-use of

Vocabulary: Density, Mass, Volume, Weight, Metric units, Scientific notation, Dimensional analysis, Accuracy, Precision, Time, Scientific method, Variables, Hypothesis , Theory, Law, Quantitative, Qualitative