

Unit #1 Test topics

- Elements and symbols
 - Chemistry what is it?
 - Matter what it is? Atoms what are they?
 - Observations Qualitative vs Quantitative
 - Observational signs of a Chemical Reactions
 - Classify Chemical /Physical properties and changes
 - Classify a property as Intensive or extensive
 - Classify Matter between:
 - 1) pure substances (elements and compounds)
 - 2) mixtures: (homogeneous and heterogeneous)
 - Kinetic theory of Solids, Liquids, Gases including
 - 1) Particle Interactions: Strong, Weak, None
 - 2) Packing: Spread out, Loose, Tight
 - 3) Volume: Definite or Indefinite
 - 4) Shape: Definite or Indefinite
 - 5) Energy: Particles have high or low kinetic energy
 - How to separate components of a mixture
 - Metals vs Nonmetals location on table and properties
 - Lab Equipment and Uses
 - Scientific Notation into and out of
 - Significant figures: how many in a number as well as in an answer
 - Metric system and conversions
- ****Also look over any of the materials covered for labs.***

