# **Matter Quiz Study Guide**

***Students will need to be able to…***

1. Classify substances as matter and explain their reasoning
2. Correctly identify the tools and units for measuring matter
3. Predict how particles will behave and states of matter will change when energy is added or removed.
4. Describe and draw how particles arrange and behave in the four states of matter.
5. Classify examples of changes of matter in the real world as condensation, evaporation, melting, freezing, and sublimation.

**Vocabulary List***: Students will need to be able to define, give examples of and use these terms correctly.*

Particles

Matter

Mass

Volume

Density

Solids

Liquids

Gases

Plasma

Evaporation

Condensation

Freezing

Melting

Sublimation