CHEMISTRY Test STUDY GUIDE

UNIT 2 – PROPERTIES OF MATTER

Test Date: \_\_\_\_\_\_\_\_\_\_

Read over your notes, and *rework* your homework assignments. Reviewing your labs may also be helpful. The Periodic Table Reference Sheet will be provided.

# Matter (CP Chemistry Chapter 1)

* Explain the concept of **Kinetic Molecular Theory**.
* Distinguish between the four **states of matter**.
* Classify a substance as an **element**, **compound, solution**, or **heterogeneous mixture.**
* Distinguish between **solutions, colloids**, and **suspensions**.
* Compare and contrast the **states of matter** & **classes of** **matter**.
* Explain the **Laws of** **Definite Composition** and **Multiple Proportions**.
* Distinguish between **extensive & intensive properties**
* Distinguish between **chemical & physical properties/changes**.
* Recognize the **signs** of a chemical change.
* Identify the **reactants** and **products** in a **chemical reaction**.
* Explain the laws of **Conservation of Matter and Energy**.
* Know the properties of elements that are **metals**, **nonmetals**, and **metalloids**.