**2.1 A – Note taking Guide**

**What is Matter?**

* **Matter is…** anything that has \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
All matter is made up of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Matter can be in the form of a \_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_, or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

* **Matter is not…\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

Energy is not made up of atoms.

Examples of energy include \_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Vocabulary**

 **Mass** – The amount of matter in an object. (Measured in the metric base unit grams (g))

**Volume** – The amount of space something takes up. (Measured in the metric base unit liters (L).)

 **Atom** – The smallest particle that has the properties of an element

 **Solid** – A substance with a definite shape and volume.

 **Liquid** – A substance with definite volume that takes the shape of its container.

 **Gas** – A substance that does not have definite shape or volume.

 **Plasma** – A substance that does not have definite shape or volume.