**Unit 1 Matter Vocabulary Words**

**Chemical Change-** is a change of materials into other, new materials with different properties, and one or more new substances.

**Physical Change-** is changes affecting the form of a chemical substance, but not its chemical makeup.

**Sublimation-** is the phase transition of substance directly from the solid to the gas phase without passing through the intermediate liquid phase.

**Solid-** firm and stable in shape, not liquid or fluid. Atoms are tightly packed. It has volume and a definite shape.

**Liquid-** a substance that flows freely, but is of constant volume and takes on the shape of its container.

**Gas-**molecules are in constant random motion. Has no fixed shape or volume and takes on the shape of its container.

**Matter-** Anything that has mass and takes up space.