**Unit 3: Matter Vocabulary**

**Matter:** anything that has mass and takes up space (has volume).

**Atom:** particle that makes up matter.

**Element:** a substance made of atoms that are identical.

**Density:** the amount of a substance that is in a specific amount of space. (Density=mass/volume)

**Temperature:** The measurement of the amount of kinetic (or motion) energy within a substance.

**Melting Point:** The temperature where a substance turns from a solid to a liquid.

**Boiling Point:** The temperature where a substance turns from a liquid to a gas.

**Solubility:** The ability for a substance to dissolve.

**Solute:** The substance that is being dissolved in a solution.

**Solvent:** The substance that is dissolves the solute.

**Phase Change:** The process of a substance going from one phase of matter to another without changing any chemical properties

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