

# Vocabulary

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

**Mass** - The amount of matter in an object.

**Volume** - The amount of space an object takes up.

**Solid** - A type of matter that has a definite shape and volume.

**Liquid** - A type of matter that has a definite volume but takes the shape of its container.

**Gas** - A type of matter that has no definite shape or volume and fills the entire space of its container.

**Mixture** - Two or more substances that are physically combined and can be separated by physical means.

**Solution** - A type of mixture in which one substance dissolves in another substance.

**Density** - The amount of mass in a given volume of a substance.

**Physical change** - A change in the form or appearance of matter, but not in its chemical composition.

**Chemical change** - A change in matter that produces one or more new substances with different properties.

**Conservation of Matter** - The principle that matter cannot be created or destroyed, only transformed from one form to another.