**Structure/Properties of Matter - Vocabulary**

1. Atom-basic particle that makes up an element
2. Gas-state of matter that has no definite shape or volume
3. Liquid-state of matter that has a definite volume but will take the shape of its container
4. Solid-state of matter that has a definite shape and volume
5. Mixture-when two or more substances are mixed together but can be physically separated fairly easily
6. Solubility-the ability to dissolve in another substance
7. Freezing Point-the temperature at which a liquid changes to a solid
8. Boiling Point-the temperature at which a liquid changes to a gas
9. Matter-anything that takes up space and has mass
10. Physical change-matter changes its appearance but does not change into a different substance: size, shape state of matter
11. Chemical change-produces new substances with different properties from those of the original substance: produce gas, new substance, change of color