**Vocabulary Study Guide – Chapter 6**

Vocabulary: A vocabulary quiz will be given at the end of the chapter. You will have to match the definition with the correct vocabulary word.

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| 1. melt | 1. when a substance changes from a solid to a liquid (ex: ice to water) |
| 1. freeze | 1. When a substance changes from a liquid to a solid (ex: water to ice) |
| 1. evaporate | 1. when a liquid changes to a gas without boiling (ex: water to water vapor) |
| 1. water vapor | 1. water in gas form |
| 1. condense | 1. When a substance changes from a gas to a liquid (ex: water vapor to dew) |
| 1. liquid | 1. matter that has a definite volume but not a definite shape |
| 1. gas | 1. matter that has no definite shape or volume |
| 1. solid | 1. matter that takes up a definite, or certain amount of space and has its own shape |
| 1. mass | 1. a measure of the amount of matter in an object |
| 1. volume | 1. describes how much space an object takes up |
| 1. matter | 1. anything that takes up space |
| 1. physical property | 1. a characteristic of something that can be observed without changing what the object is made of |
| 1. sieve | 1. a screen with holes that is used to separate materials of different sizes |
| 1. settling | 1. When a substance sinks or comes to rest |
| 1. crystallization | 1. The process of forming crystals |
| 1. mixture | 1. different kinds of matter mixed together that can be separated into its original parts |
| 1. solution | 1. a type of mixture where one or more kinds of matter are mixed evenly |
| 1. physical change | 1. A change in the way matter looks |