5th Grade Physical Science

Mixtures and Solutions Vocabulary

- 1. **Mixture** a combination of two or more substances.
- 2. <u>Ingredients</u>- the separate parts of a mixture.
- 3. **Physical change** changing materials into different shapes or smaller pieces, by heating and cooling, and by melting and freezing.
- 4. <u>Heterogeneous mixture</u>- a mixture that is unevenly mixed. (You **can** see the parts)
- 5. <u>Homogenous mixture</u>- a mixture that is evenly mixed. (You **can't** see the parts)
- 6. <u>Solution</u>- a **LIQUID** mixture where one substance is blended evenly throughout another substance.
- 7. **Solute** the smaller amount that is dissolved in a solution.
- 8. **Solvent** the larger amount that dissolves another substance in a solution.
- 9. **Concentration** the amount of solute compared to the solvent.
- 10. Solubility- the maximum amount of a solute that can dissolve in a solvent.
- 11. <u>Distillation</u>- a process that separates the parts of a mixture by vaporization and condensation.
- 12. Alloy- a solution of a metal and another solid (often times a metal).