

## 5<sup>th</sup> Grade Physical Science

### Mixtures and Solutions Vocabulary

1. **Mixture**- a combination of two or more substances.
2. **Ingredients**- 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. **Heterogeneous mixture**- a mixture that is unevenly mixed. (You **can** see the parts)
5. **Homogenous mixture**- a mixture that is evenly mixed. (You **can't** see the parts)
6. **Solution**- 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. **Distillation**- a process that separates the parts of a mixture by vaporization and condensation.
12. **Dilute**- to make thinner or weaker by adding a solvent such as water.
13. **Saturate** – containing the maximum amount of a solute