**Classroom Chemistry Unit**

**Big Idea: I will learn about properties and interactions of some household liquids and solids. I will conduct tests of materials that will demonstrate physical and chemical reactions.**

**I can** recognize and identify examples of the following kids of mixtures:

* two or more solids
* a solid and a liquid
* two or more liquids

**I can** separate materials in a variety of ways.

**I can** distinguish substances that will dissolve in a liquid from those that will not, and demonstrate a way of recovering a material from a solution.

**I can** demonstrate a procedure for making a crystal.

**I can** recognize that the surface of water has distinctive properties, and describe the interaction of water with other liquids.

**I can** produce carbon dioxide gas through the interaction of solids and liquids, and demonstrate that it is different from air.

**I can** distinguish reversible from irreversible changes of materials, and give examples of each.

**I can** recognize and describe evidence of a chemical reaction.

**I can** use an indicator to identify a solution as being acidic or basic.