**Junior level-STEM**

**Activity 1**: Magic milk

Supplies:

* Shallow baking dish
* Milk
* Food coloring
* Dish detergent
* Q-tips
* Scrap paper
* Pencil or pen
* Paper towel

**Activity 2**: Liquid Clay

Supplies:

* Baking soda
* Corn starch
* Measuring cups
* Water
* Food coloring
* Mixing bowl
* Mixing spoon (optional)

Clay mixture recipe

1. 2 cups of baking soda
2. 1 cup of corn starch
3. 1 ¼ cups of water
4. 4-5 drops of food coloring

Objective: Girl scout gets the opportunity to become a mad scientist through experimenting with dry and liquid ingredients. Mix liquid ingredients to get a chemical reaction and then mix dry ingredients with a liquid for another chemical reaction. The girls will brainstorm theories and test the theories.