**You can eat this!**

**These 3 experiments are made with food, and are safe to eat.**

**How to make homemade butter**

**Materials you will need:**

1 sealable container

½ cup heavy cream

**Directions:**

1. Pour heavy cream into sealable container. (Can use a ziplock bag)
2. Seal container.
3. Start shaking container for about 20 minutes.
4. Periodically take lid off and check to see if butter has formed.
5. Once butter has formed, you can remove the left over liquid. This is buttermilk and is drinkable, or can be used in biscuit recipes to replace some of the water.
6. The butter is edible and can be spread on toast and eaten.

**Ice Cream in a bag**

**Materials you will need:**

1 quart sized ziplock bag

1 gallon sized ziplock bag

1 cup of heavy whipping cream

1 tablespoon of sugar

Enough ice to cover quart bag

¼ cup salt (Rock salt is recommended, but table salt will do)

1 teaspoon vanilla extract

1 kitchen or bath towel

**Directions:**

1. Pour 1 cup heavy whipping cream into quart ziplock bag.
2. Add sugar and vanilla extract
3. Seal the bag, and let excess air out.
4. Fill the gallon bag halfway with ice.
5. Pour salt into gallon bag.
6. Place quart bag into gallon bag.
7. Add some more ice.
8. Seal the gallon bag.
9. Wrap the gallon bag in a towel to protect hands from cold ice.
10. Shake this bag for 7 minutes.
11. Take the quart bag out, and wipe or rinse top of bag to remove salt.
12. Open bag and see ice cream.
13. Stir and eat with a spoon.

**Tastable Yogurt Slime**

You probably won’t want to snack on this!

**Materials you will need:**

2 oz of yogurt (one tube of yogurt, 4 tablespoons, or 1/8 cup)

1 cup of cornstarch (8 oz)

**Directions:**

1. Pour 2 oz of yogurt into a mixing bowl.
2. Put a little coconut oil or lotion on your hands to cut down on stickiness.
3. Start adding cornstarch in by one tablespoon at a time, stirring or kneading into the yogurt until it reaches the consistency of cake batter.
4. Continue adding cornstarch 1 teaspoon at a time and kneading until mixture becomes like soft playdough, and is no longer sticky.
5. You should be able to pick up and knead and play with the slime.