## Materials:

* 1/3 cup baking soda per snowball
* 1 1/2 tablespoons vinegar per snowball
* Pipette

**Instructions:**

1. Add baking soda to water until baking soda becomes packable dough, not runny or watery. Shape into a ball.
2. Freeze experiment.
3. Use pipette and vinegar to put drops or squirts of vinegar onto your snowballs. Watch them sizzle as if it is spring!

**How it Works:**

Acids and Bases can erupt in your faces! Acid (Vinegar) + Base (Baking Soda)= Carbon Dioxide

**Extra Experiments:**

1. Try adding blue food coloring to the vinegar. Does this change the experiment physically or chemically?
2. Try warming up the vinegar before you squirt it onto the snowballs. Is the reaction different? Why?
3. Reverse some of the steps. Instead of making the snowballs out of baking soda, freeze vinegar and then pour baking soda on top. Does this make the reaction better, worse, or the same?