**Witch Brew**

**WHAT TO KNOW:**

**What happens when you combine baking soda and vinegar? Hint: Baking soda is a base and vinegar is an acid.**

**YOU WILL NEED:**

* a cauldron (or bowl)
* baking soda
* white vinegar
* food coloring
* dish soap
* eyeballs (optional or any small plastic toy)

**EXPERIMENT SETUP**

Make sure to place your bowl on a tray, in the sink, or outside because this experiment can get messy. Newspaper and paper towels will be helpful.

**WHAT TO DO:**

1. Add a heaping amount of baking soda to your bowl or cauldron.

2. Add a squirt of dish soap and food coloring to the baking soda. You can also mix food coloring into the vinegar.

3. Time to add your spooky Halloween eyeballs or other accessories into the cauldron.

4. Now go ahead and pour in white vinegar onto the baking soda and watch the bubbling brew start up!

WHAT HAPPENED:

When you combine baking soda and vinegar, a reaction occurs and a new product is produced called carbon dioxide. How long does the fizzing occur? Can you speed it up or slow it down?