



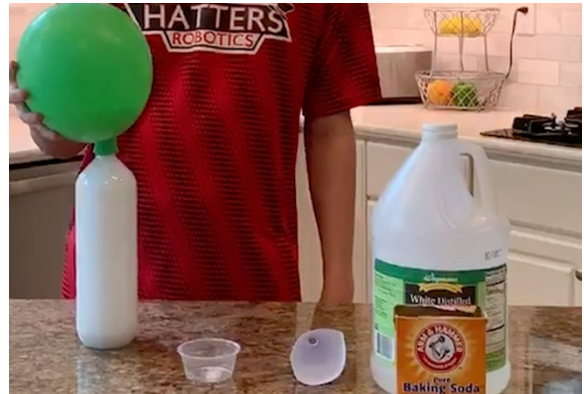
## Self-Inflating Balloon

**Introduction:** No need to waste your breath blowing up a balloon, as today, we are going to make a balloon inflate itself using a chemical reaction.

**Approximate Time:** 5 minutes

**Materials:**

- 1 1/3 cups vinegar
- 2 1/2 tablespoons baking soda
- A balloon
- A plastic 1-liter bottle
- A funnel
- Measuring cups



**Procedure:**

1. If the bottle held something other than water, make sure to wash it out.
2. Pour about 2 1/2 tablespoons of baking soda into the balloon using the funnel.
3. Pour about 1 1/3 cups of vinegar into the bottle.
4. Put the open part of the balloon over the mouth of the bottle but be careful not to pour any baking soda into the bottle.
5. Hold onto the bottle to prevent it from falling over, then lift the balloon and pour the baking soda into the bottle.
6. Watch as the balloon inflates.

**Tips & Tricks:**

- If the balloon does not fit tightly over the bottle, you should probably use a smaller balloon or a bigger bottle or secure the balloon to the bottle using a rubber band.
- Blowing up the balloon first may make the balloon blow up more.
- If you want, you can change the amount of vinegar and baking soda to change how much the balloon blows up.

Scan for Video

