

**Magic Balloons Experiment**

**K-2**

# [Magic Balloon Experiment](http://www.scienceprojectideas.org/wp-content/uploads/2016/08/Magic-Balloons-Experiment.jpg)**Estimated Time:**

10-15 minutes

# **Materials:**

* 2 Tbsp. Baking Soda
* 4 ounces vinegar
* Balloons
* Small funnel
* Cleaned small glass bottle
* Safety glasses

# **Instructions:**

1. Fit a funnel to the opening of the balloon and fill it up with the baking soda.
2. Pour the vinegar into the bottle.
3. Taking care not to drop off any baking soda into the bottle, fit the lip of the balloon snugly on the bottle. You may lean the balloon to a side to achieve this.
4. Straighten up the balloon and allow its contents to fall into the vinegar underneath.
5. Watch the chemical reaction that ensues and record your observations.

\*\*You will watch a fast reaction occurring as soon as the baking soda comes in contact with the vinegar which almost inflates the balloon immediately\*\*

# **The Science:**

The chemical reaction between the vinegar and baking soda causes carbon dioxide to rapidly inflate the balloon. When we blow up a balloon, we are allowing the exhaled carbon dioxide to enter the balloon and fill it up. It is the same process that is happening here through a chemical process.