



# CHEMISTRY EXPERIMENT

## DIRECTIONS:

1. Add about a cup of vinegar to a plastic bottle.
2. Add water to the bottle until it is about  $\frac{2}{3}$  or  $\frac{3}{4}$  full.
3. Use a funnel to add baking soda to a balloon until it is mostly full.
4. Write down your hypothesis (below).
5. Stick the balloon onto the opening of the bottle and let the baking soda fall inside. (If needed, help the baking soda fall out by holding the balloon up.)
6. Write down what you observe and why you think it happened (below).

## HYPOTHESIS

What do you think will happen when you put the balloon on the bottle and let the baking soda fall into the vinegar? Why?

## OBSERVATIONS

What happened when the baking soda fell into the vinegar? Why?