

Inflate a Balloon with Chemistry!

What you need:

Balloon (1)

Bottle (1)

Vinegar ($\frac{1}{4}$ cup)

Baking soda (1 Tbs)

Funnel (1)



What to do:

1. Put the funnel into the opening of the balloon. Put a tablespoon of baking soda into the balloon.
2. Wash the funnel out.
3. Put the funnel into the opening of the bottle. Put a $\frac{1}{4}$ cup of vinegar into the bottle.
4. Attach the opening of the balloon to the mouth of the bottle.
5. Hold the balloon up so that the baking soda starts pouring into the bottle.
6. Watch the balloon inflate through the magic of chemistry!

What is happening?

The combination of the baking soda and the vinegar creates a gas, carbon dioxide. As this gas is released, it fills up the balloon and makes it inflate!