



IT'S CHEMICAL!

MATERIALS:

- **A SMALL STRONG PLASTIC BOTTLE (20-OZ. SODA BOTTLE)**
- **A MEDIUM-SIZED ROUND BALLOON**
- **VINEGAR**
- **BAKING SODA**
- **A FUNNEL**



PROCEDURE:

1. Pour vinegar into the small bottle until it is about half an inch deep.
2. Using a funnel, pour two teaspoons of baking soda into the neck of a balloon.
3. Stretch the neck of the balloon over the neck of the bottle, being careful not to let the baking soda out of the balloon.
4. Now lift up the balloon so that the baking soda runs into the vinegar. Shake the bottle. What happens?






WHAT THIS MEANS:

When two substances react together, they can form new chemicals or products. In this chemical reaction, the vinegar and baking soda react and create carbon dioxide. It is these bubbles of gas that inflate the balloon.

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