



EXPANDING BALLOON

Ingredients

- Vinegar
- Baking Soda
- Balloon
- Bottle with an inch Neck

Science Terms

- **Chemical Reaction** – A change in matter in which two or more elements or compounds combine to form different compounds or elements.
- **Carbon Dioxide** – A compound gas that is exhaled by animals as a byproduct of using food and that is used by plants to make food.

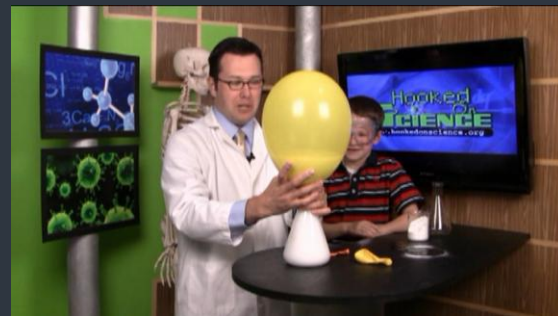
Instructions

STEP 1: Add the baking soda to the balloon.

STEP 2: Pour the vinegar into the bottle.

STEP 3: Without dropping in the baking soda, stretch the balloon over the opening of the bottle.

STEP 4: Hold up the balloon and let the baking soda fall into the bottle.



Explanation

When you mixed the baking soda with the vinegar you caused a chemical reaction that created carbon dioxide gas. The carbon dioxide gas caused the balloon to expand.

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