



Magic Balloon

Experience

Preparation: Invite your child to collect all items for this science experiment. Before conducting the experiment ask your child, what they think will happen to the balloon when the vinegar and baking soda mix. Encourage your child to follow the instructions below:

Step 1: Use a funnel (or use paper folded into a cone) to add 1/3 cup baking soda to the inside of a balloon.

Step 2: Fill a plastic bottle with approximately 1 cup vinegar.

Step 3: Attach the balloon to the mouth of the plastic bottle (without baking soda falling in at this point).

Step 4: Once the balloon is attached to the bottle, then lift the balloon upright so the baking soda falls into the vinegar and causes the reaction.

Learning benefits

- Promotes the ability to predict and hypothesis
- Encourages experimentation (cause/effect)
- Build ups curiosity/sense of enquiry



5 - 10 mins



5 - 12 years

Materials

Balloons
Baking Soda
Vinegar
Plastic bottle
Funnel or Paper

Hints and Tips

Indoors or outdoors

Change the amount of baking soda and vinegar used and see if there are any changes