

Spooky balloon!

Ages: 7 +

Safety Note:

Remember to wash your hands after touching vinegar and baking soda.

Materials Needed:

- Empty plastic bottle (with narrow neck)
- Balloons (Orange or White)
- White Vinegar (1 - 2 cups)
- Baking Soda (2 tablespoons)
- Sharpie
- Funnel



Time: 5-10 minutes

Steps

1. Pour a cup of vinegar into the bottle, using a funnel.
2. Draw anything spooky on your balloon using the sharpie.



3. Use the same funnel and add 2 tablespoons of baking soda into your balloon



4. Stretch the neck of the balloon over the top of the bottle.



5. Lift the balloon up over the bottle until all the baking soda falls into the bottle.



6. Observe what happens!



The Science behind the Spooky balloon –

So how does it work? The vinegar and the baking soda mix together to make an acid-base reaction. The reaction creates carbon dioxide gas that bubbles up from the mixture. The gas expands up and out of the bottle and inflates the balloon.

Have fun experimenting!