

Gassy Balloon

Instructions:

- Use a funnel to add 1/3 cup baking soda to the inside of a balloon.
- Fill a plastic bottle with approximately 1 cup vinegar.
- Attach the balloon to the mouth of the plastic bottle, then lift the balloon upright so the baking soda falls and causes the reaction.

Science:

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.

Another cool thing about these balloons is that carbon dioxide is denser than air, so when you drop the balloon, you'll notice that it falls to the ground faster than a regular balloon filled with air!