Science Plan

Inflatable pumpkins



Equipment

Baking soda	white distilled vinegar
empty water bottle	funnel (optional)
Balloon	black sharpie marker

Method

Using the funnel fill the water bottle up with 1/2 – 1 cup of white vinegar.

Then, fill the balloon with 3-4 tablespoons of baking soda. use a funnel to get the baking soda into the balloon without too much spillage.

Carefully stretch the balloon over the mouth of the water bottle, **without letting any baking soda get in the bottle yet.**

When you are ready, lift the balloon so that it's completely vertical which will dump all the baking soda inside into the vinegar.

Watch as the mixture in the bottle begins to get white, fizzy, and begins pushing up higher and higher in the jar.

As the chemical reaction occurs between the acid and base, carbon dioxide results. The CO2 air has nowhere to go so it pushes up out of the bottle into the balloon and begins filling the balloon.