

Baking Soda + Vinegar Volcano

Combine baking soda and vinegar to create a chemical reaction, like a volcano! Watch as it rapidly fizzes over the container. Parents, this experiment can get a little messy, so make sure you've got some towels ready to clean up afterwards!



YOU WILL NEED:

1. 4-6 tablespoons of baking soda (make sure it's not baking powder)
2. 1 cup of white vinegar
3. A container to hold everything and avoid a big mess!
4. Paper towels or a cloth (just in case)

INSTRUCTIONS:

1. Put the baking soda in your container.
2. Pour in the vinegar.
3. Watch as the reaction takes place!

Tip: Make it even more fun for your kids by adding some food colouring to the baking soda before pouring in the vinegar.

WHAT'S HAPPENING?

The baking soda (sodium bicarbonate) is a base while the vinegar (acetic acid) is an acid. When they are combined together they form carbonic acid, which is very unstable. It instantly breaks apart into water and carbon dioxide, which creates the fizzing as it escapes the solution.

For extra effect you can make a realistic looking volcano. It takes some craft skills, but will make your vinegar and baking soda eruptions will look even more impressive!