

Activity Sheet;

Baking Soda+Vinegar Volcano

Use baking soda and vinegar to create a chemical reaction!
Watch as it rapidly fizzes over the container and make sure you've got towels ready to clean up.

You will need:

- ✓ Baking soda (not to be mistaken for baking powder)
- ✓ Vinegar
- ✓ A container to hold everything and avoid a mess!
- ✓ Paper towels or a cloth

Instructions:

1. Place some of the baking soda into your container.
2. Pour in some of the vinegar.
3. Watch as the reaction takes place.

What is happening?

The baking soda (sodium bicarbonate) is a base while the vinegar (acetic acid) is an acid. When they react together they form a carbonic acid which is very unstable, it instantly breaks into water and carbon dioxide, which creates all 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 even more impressive.