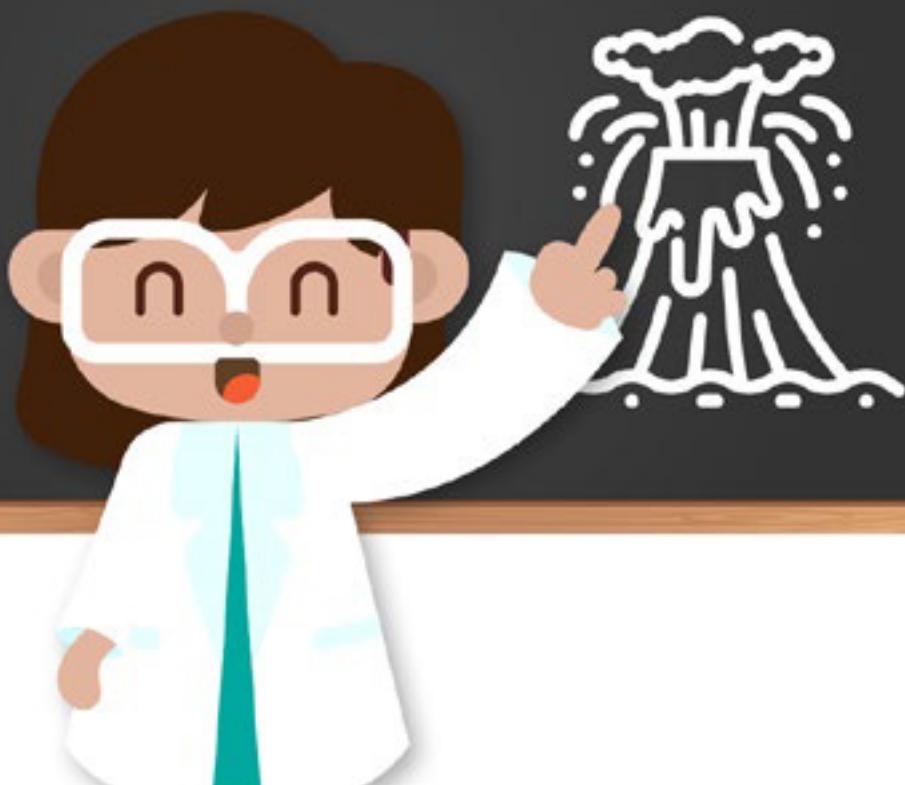


Volcano



COOKWARE FOR LIFE

BICARB & VINEGAR VOLCANO

Ingredients

10 ml dishwashing liquid
100 ml cold water, plus extra for slurry
400 ml white vinegar
food coloring, optional
empty 2 litre soda bottle
bicarbonate of soda

Method

1. Combine dishwashing liquid, water, vinegar and a few drops of food coloring into the empty 2 litre bottle.
2. Make bicarb slurry: Fill a cup half way with bicarb and top-up with extra water. Use a spoon to mix the bicarb and water until they are well combined.
3. Now it's eruption time! Quickly pour the bicarb soda slurry into the soda bottle and step back.

FOR OUR BUDDING SCIENTISTS:

A chemical reaction between vinegar and bicarbonate of soda creates a gas called carbon dioxide. Carbon dioxide is the same type of gas used to make the carbonation in sodas. What happens if you shake up a soda? The gas gets very excited and tries to spread out. There is not enough room in the bottle for the gas to spread out so it leaves through the opening very quickly, causing an eruption!