

SNOW VOLCANO



You'll need

2 spoonfuls of baking soda (bicarbonate of soda)
1 spoonful washing up liquid (dish soap)
A few drops of red food colouring
30 ml vinegar
Spoon
Snow
Small container



Instructions



Add everything except the vinegar to the container and stir well.

Carefully shape a volcano shape around the container using snow.

Add the vinegar and watch as the volcano erupts! If it doesn't work very well, add a bit more washing up liquid and vinegar and stir again.

Why does it work?

Vinegar (an acid) and bicarbonate of soda (an alkali) react together to neutralise each other. This reaction releases carbon dioxide, a gas which is the bubbles you see. The bubbles of gas make the washing up liquid bubble up to give a lovely thick lava!

Extension Task - make the sides of the volcano more or less steep and watch how the lava flow changes.