

Lemon Volcanoes



Explore the chemical reaction between citric acid and baking soda in this fun experiment.

You will need:

- A pan or tray
- Lemon(s)
- Knife (age appropriate)
- Spoon
- Measuring cup
- Baking soda
- Food colouring



Step one

Cut both ends off the lemon. The lemon should be able to stand up on its own.

Step two

Use a knife or spoon to dig out the segments of the lemon on the top side. Try to keep as much juice in as possible.

Step three

Drop some food colouring into the lemon.

Step four

Pour roughly 1tbsp of baking soda onto the lemon and watch the reaction!

Step five

Repeat this experiment with other colours of food colouring.