

Winterbourne Nursery & Infant school
Practical Science
26.06.2020

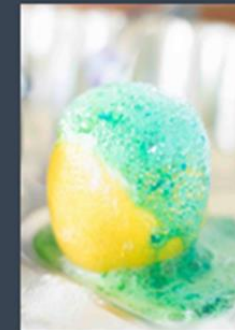
Volcano lemon

You will need:

- Lemons
- Baking soda
- Food colouring
- Washing up liquid

Instructions:

1. Place half a lemon onto a plate. Squeeze the juice from the other half into a bowl and keep aside.
2. Using a knife (adult help needed) poke holes in the sections of the lemon.
3. Place drops of food colouring on top of the sections of the lemon.
4. Add washing up liquid all over the top of the lemon.
5. You should notice that the arrow flips and now points in the opposite direction.
6. Sprinkle a generous amount of baking soda over the lemon and press it into the sections.
7. Watch your lemon volcano erupt!



Winterbourne Nursery & Infant school

Practical Science

26.06.2020

The Science:

The lemon contains acid and this reacts with the baking soda creating a gas called carbon dioxide. The washing up liquid adds bubbles and foam to this.

Challenge:

Why not using a different citrus fruit...

Can you predict what might happen?

Can you explain your thinking?