

Fruit Volcanoes

Science Experiment



Try this cool and colourful chemistry experiment!

You will need:

- a variety of fruits (already halved)
- bicarbonate of soda
- food colouring (variety of colours)
- washing-up liquid
- large bowl
- lolly sticks
- tablespoon
- teaspoon
- juicer (optional)



Method:

1. Put half of your chosen fruit into the large bowl. (Keep the other half for later.)
2. Using your lolly stick, poke a hole in each section/segment of the fruit.
3. Put six drops of food colouring on top of the fruit. You could even use two different colours.
4. Pour two tablespoons of washing-up liquid on top of the fruit.
5. Cover the fruit with a generous amount of bicarbonate of soda, e.g. for a half of a lemon, use two heaped teaspoons.
6. Using the lolly stick, press some of the bicarbonate of soda into the different sections/segments of the fruit to start the eruption.
7. You may wish to juice the other half of the fruit and add this to the eruption.
8. Repeat with other fruits. (You could compare the length of the reaction.)

