

# DINO'S DYNAMOS Experiment

## Make a Volcano

### You will need:

- Mod-roc
- Plastic bottle (per volcano)
- Selection of poster paints (for decorating your volcano)
- Clear varnish or Plasticote (for decorating your volcano)
- Bicarbonate of Soda (2 table-spoons per volcano)
- Vinegar or lemon juice (½ cup per volcano)
- Red food colouring (a few drops per volcano)
- Washing up liquid

Ask an adult to help you with this activity.

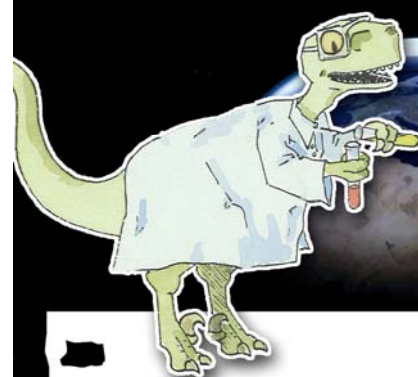


### How to build your volcano:

**Step1** Create a volcano shape using mod-roc or paper maché around the plastic bottle. You can use a cardboard cone as a base shape and build on this or scrunch up bits of paper and build around it.



**Step2** Leave to set until hard.



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**Step3** Once set, paint the volcano and surrounding cardboard landscape. You can add plasticine trees and houses to the model.

**Step4** Remember to coat the volcano with clear varnish or Plasticote to make it waterproof.

### The Eruption!

**Step 1** Add 2 teaspoons of bicarbonate of soda into the bottle in the hollow of the volcano.

**Step 2** Add a squirt of washing up liquid.

**Step 3** Add in a few drops of red food die to the mix.

**Step 4** Pour in the vinegar/lemon juice and watch the frothy lava bubble out.

### Did you know?

Sometimes when volcanoes erupt, they can create lightning!

Check out this awesome picture of volcano lightning from the volcano called Eyjafjallajökull in Iceland.



It's erupting right NOW!

