

Can you make a volcano?

In geography this half term we are learning about volcanoes.

Your task:

Can you make a volcano? You can decide on how to make your volcano. It could be a traditional volcano- It might even be erupting! However you might choose to make it from Lego or paper mâché. It is completely up to you!

If you would like some help here are some instructions!

Materials

- Cardboard or a tray (to protect the surface)
- Small plastic bottle or cup (for the volcano's core)
- Modelling clay, playdough, or papier-mâché or something to build the mountain shape
- Baking soda (about 2–3 tablespoons)
- Vinegar (about ½ cup)
- Washing up liquid (1–2 drops, optional for foamy lava)
- Red/orange food colouring (optional for realistic lava look)
- Spoon or funnel

Building the Volcano

1. Base: Place the plastic bottle or cup in the centre of the tray/cardboard. This will hold the “lava mix.”
2. Shape: Use clay, playdough, or papier-mâché to build a mountain shape around the bottle, leaving the top opening clear. Let it dry if needed.
3. Decorate (optional): Paint or colour it brown/black for rock and green for plants.

Making the Eruption

1. Put 2–3 tablespoons of baking soda into the bottle.
2. Add a few drops of washing up liquid (makes it foamier).
3. Add a few drops of red/orange food colouring.
4. When ready, pour vinegar into the bottle (about ½ cup).
5. Step back and watch it erupt!



