

Year 4 erupting volcano models!

Year 4 have been learning about how the natural world affects the lives of people around the world. We have learnt how volcanoes can form and erupt and how this can cause devastating impacts, but also that some people choose to live near volcanoes due to fertile land and tourism.

Then it was time to erupt them!

We used bicarbonate of soda, vinegar, washing up liquid and red food colouring to represent the magma. The chemical reaction represented the eruption of magma being forced through the central vent and out through the crater (the neck of the bottle).

We used newspaper, sticky tape and a plastic bottle to create the 'central vent' and the layers of ash and lava that, when cooled, create the shape of the volcano. We then used papier-mâché to make our models rock-solid. We painted the textured surfaces we had created using shades of grey, brown and black and added tissue paper to represent the fertile land nearby.

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