

Why is the earth so angry?

Welcome to Inspiration day! Today I would like you to dress up as an explorer as we are going to explore volcanoes! We will meet at 9am to launch the topic, make a list of questions or things we would like to find out and to take part in an exciting science experiment together! Making a volcano and getting it to explode!



Task 1- Group task on TEAMS call at 9am

We are going to complete a science experiment and watch how volcanoes erupt.

You will need:

Two A3 sheets of card, 200 ml plastic bottle, Pencil, Scissors, Tape, Paint and paintbrushes, Small bowl, Cup, 1 tbsp bicarbonate of soda (baking soda), 1 tbsp washing up liquid, 2 tbsp water, ½ cup vinegar, 1 tbsp red food colouring.

Task 2- Baking chocolate lava cakes. Follow this link to access the recipe!

<https://sallysbakingaddiction.com/chocolate-lava-cakes/>

Resources you will need:

- Muffin tin
- 170g of chocolate
- 115g of unsalted butter
- 31g of all purpose flour
- 60g of confectioners sugar
- 1/8 teaspoon of salt
- 2 large eggs
- 2 large egg yolks
- Optional for topping- ice cream, raspberries, chocolate



Task 3- Writing a shape poem

Research some facts about volcanoes. Then create your own shape poem either on the template or you can make your own.

An Example of a Shape Poem

A volcano.
A huge rock,
shooting lava up into
the air! Everyone runs for
cover. Lots of thick, black smoke
pours out of the top, giving you a warning
before the explosions start. Nothing can stand in its
way. Sometimes they don't blow up for hundreds of years.
Still thousands in the world but they don't all work, some are even underwater.

Task 4 - Maths problem solving

You are investigating the aftermath of a volcano erupting. Can you use your problem-solving skills to solve all of the maths problems?



Task 5- Ziploc bag painting or make volcano slime. Chose one of these activities. Follow the printed instructions.



Task 6- Watch this video all about the parts of a volcano. Label the parts on the sheet provided or draw one and label all of the parts yourself. <https://www.youtube.com/watch?v=HSpTGOmdF1Q>