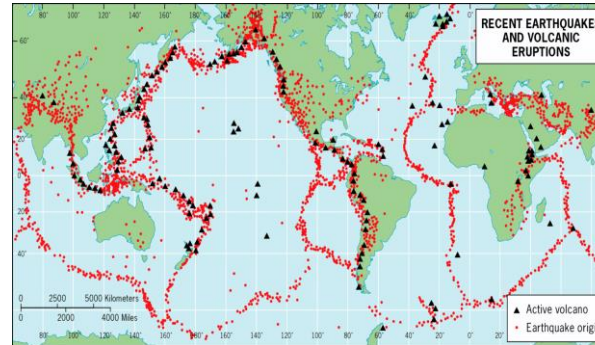


## Geography: Volcanoes and Earthquakes

- Write an acrostic poem using the letters from the word 'VOLCANO' or 'EARTHQUAKE'.
- Make a set of Top Trumps cards for different volcanoes.
- Find and compare the heights of different volcanoes.
- Create a fact page about volcanoes or earthquakes.
- Research the benefits of living near a volcano.
- Write an adventure story set around a volcanic eruption or an earthquake.
- Research the temperatures of different volcanic countries e.g. Hawaii, Iceland, Italy. Present your findings in a table.
- Draw a map showing the location of volcano eruptions or earthquakes around the world.
- Research some famous facts about volcanoes/earthquakes. Create a 10 question 'true or false' quiz. Try it out on your friends or family members.
- Write or record a breaking news report about a famous volcanic eruption or earthquake. What is happening? Where is it happening? Why is it happening? Who does it affect? When is it likely to stop/happen again?
- Read a story with a volcanic scene e.g. My mouth is a volcano, Violent Volcanoes.
- What else would you like to learn about volcanoes or earthquakes? We look forward to seeing what you find out.

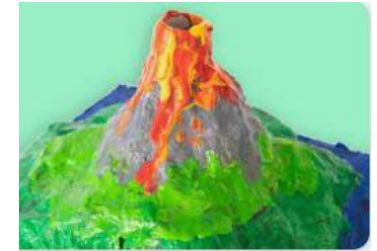


## Spring Half Term 2 Year 5 Learning Challenges



## DT/Art

- Draw a picture of a volcanic scene.
- Make a 3D volcano model.
- Research the shape and structures of earthquake proof buildings. Design and build an earthquake proof structure.



## Health and Well-being

- Sometimes our emotions can feel like an eruption! Write a list of suggestions to do for someone who may feel angry or upset.
- Explore how to use lots of different sequences of movement to show the story of volcanoes.
- Complete the stair climbing challenge:



[https://www.nhsggc.org.uk/media/213470/haw\\_challenge\\_stair\\_climb.pdf](https://www.nhsggc.org.uk/media/213470/haw_challenge_stair_climb.pdf)

## Science and Technology

- Draw and label 5 magnets used in everyday life in your home.
- Draw a diagram including explanations to show the forces at work in a tug of war.
- Experiment melting and cooling chocolate and explore the similarities to lava melting and cooling. Make a list of solids that melt and solidify. Take photos of your experiment or write about what happened.
- Find 10 examples of forces in action around your home e.g., pulling the curtains. Design a poster, PowerPoint or diagram to present your forces.
- Make a working volcano model and write a written explanation of how it works.

