Year 5

On Top of the World

Geography + Art and Design

This half term, the children will undertake geographical fieldwork to explore the volcanoes and earthquakes. They will take inspiration from the artwork of Hokusai to explore the expanded colour wheel and investigate line, pattern, texture and form to sketch a landscape piece.

Remember to pick one from each subject box to 'travel around the world' on your topic passport.

Europe (English)

A: Watch a video of a volcano erupting and write a description using all five senses. Use expanded noun phrases with well-chosen adjectives and prepositions.

B: Imagine you live in an earthquake zone. Write a diary entry recounting the day an earthquake hit. Include time, manner and place adverbials.

C: Find out about a recent earthquake. Write a newspaper report as if it has just happened. Use columns, formal language to report and informal dialogue for a witness statement.

North America (SMSC)

A: Write the translation of 'volcano' on a world map for the language that is spoken in the country. E.g. in Iceland, write eldfjall.

B: Why do communities settle near volcanoes? Research and write an explanation.

C: Research volcano deities (gods) from different religions. Create a fact file about them including the religion, name, picture, facts and beliefs.

Asia (Personal Development)

A: Create a stop motion animation of what an earthquake might look like. https://youtu.be/SZFzPpz_2hQ?t=49

B: Create a free account on Scratch Online. Create a quiz about the geography of a volcano.

C: Watch this video and write a short summary paragraph summarizing how volcanoes erupt.

https://www.youtube.com/watch?v=lAmqsMQG3RM

Africa (Maths)

A: Find the heights of the 5 tallest volcanoes and order them from smallest to largest.

B: Find out about 10 famous volcanic eruptions and earthquakes and place them in a timeline, using scale to show how far apart or close they were chronologically.

C : Research the sizes of different volcanoes and put them in a graph. Which is largest? Which is smallest? What is the difference between them? How much damage did they cause?

South America (Healthy Schools)

A: Investigate whether cola and Mentos or vinegar and bicarbonate of soda makes the biggest eruption.

B: Investigate and create a bar chart to show the temperatures of three different volcanoes during an eruption.

C: Label and draw diagrams to compare volcanic eruptions on land to those under water.

Antarctica (Topic: Geography & DT)

A: Research the top 3 volcanic explosions in Earth's history. Can you note some key facts down?

B: Using a map, label the fault lines around the world and use spots to identify key volcano/ earthquake points.

C: Build a volcano out of recycling materials. Can you work out a way to make it explode?

Australasia (Topic: Art & Design and History)

A: What is the Richter scale, what and how does it work and who created it?

B: Create your own expanded colour wheel using a medium of your choice. Include primary, secondary and, lastly, tertiary colours.

C: Draw and label the inside of a volcano, explaining a quick fact about each part.