Year 5 Summer 2 Homework: Volcanoes

Please complete all tasks and return your completed work on **Friday 14th July 2023.**

In **Year Five** this term, we are learning about these topics:

- **Literacy** (Narrative writing using Wolf Brother and The Willow Pattern Tree);
- **Mathematics** (the properties of shape and space and converting measurements);
- **Science** (the 'Why Factor – using the scientific process to investigate everyday phenomena);
- **Geography** (Volcanoes);
- **Religious Education** (the way religious charities support those in need);
- **Art** (the volcanic paintings and collages of Margaret Godfrey and Kate Fortin);
- **Computing** (using databases to explore volcano facts);
- **PSHE** (the different job roles and careers available);
- **Spanish** (learning the language of a common fairy tale);
- **Music** (how does music connect us with our environment?)

Volcanic Data!

Every continent has volcanoes – some are extinct, some are dormant while others are most definitely active! Your task here is to find out about the measurements of the highest volcano on each continent. Once you have recorded the measurements of the volcanoes, order them and then select a graph to present your data.

Once your data has been presented, calculate the mean height of the volcanoes. Think about whether it would allow you to calculate the average height of any volcano around the world. Explain why you think this would or wouldn't be an effective method. The website below will be really useful.

https://en.wikipedia.org/wiki/Volcanic_Seven_Summits

Here are names of the highest volcanoes in each continent…

Africa	Kilimanjaro	**Antarctica**	Mount Sidley
Asia	Damavand	**Europe**	Elbrus
North America	Pico de Orizaba	**Oceania**	Mount Giluwe
South America	Ojos del Salado		

Model a Mountain (Well a Volcano).

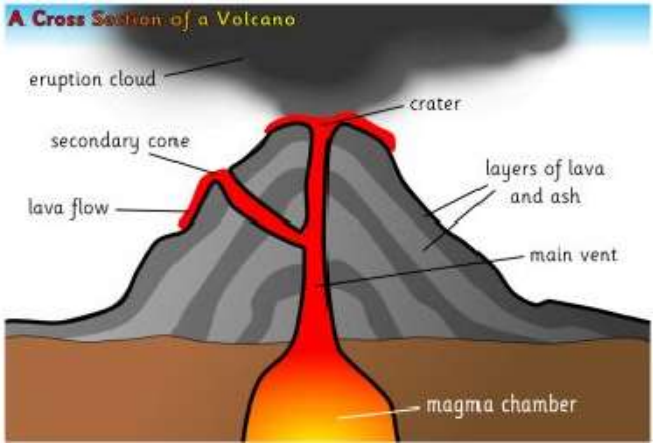
This is an opportunity to explore the inner workings of a volcano. Use the websites below to find out about the different types of volcano and see what you can find out about why they erupt and why some of them (composite volcanoes) are cone shaped.

https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zd9cxyc#

https://www.oddizzi.com/teachers/explore-the-world/physical-features/volcanoes/what-is-a-volcano/

https://www.weatherwizkids.com/weather-volcano.htm

You could present your work as a non-fiction fact page about volcanoes, you could create a model to show what a volcano looks like on the inside or you might draw a diagram explaining the different features.

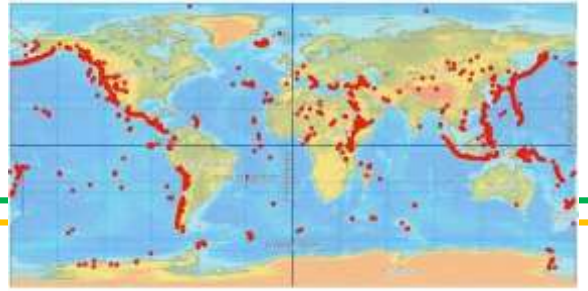


Volcano Locations.

Use the websites below to find the locations of the major volcanoes around the world. How will you record the information that you find? Will you draw your own map to record where the world's active volcanoes can be found, will you create a table to show which continents they are in or will you create a different way to present your data?

https://www.volcanodiscovery.com/volcano-map.html

https://education.nationalgeographic.org/resource/earth-major-volcanoes



Jules Tavernier.

Born in Paris in 1844, Jules Tavernier left France and eventually settled in Hawaii where he became fascinated by the islands' erupting volcanoes. He painted nearly one hundred pictures of volcanoes using oils and pastels and founded a Volcano School of artists on the islands. Your task is to create an image of a volcanic eruption using the paintings of Tavernier's. Take a look at his work and see what you can come up with.

SAM Learning

Don't forget to complete the tasks set.

www.samlearning.com

Timestables Rockstars

https://ttrockstars.com/

Bug Club

Don't forget to read the books that you are allocated every Monday.

https://www.activelearnprimary.co.uk/login?c=0