

# Year 5 Summer 2 Homework: Volcanos

Take care with the presentation of the work and ensure you put in the same effort you would put into your school work.

If you are absent from school, do not forget to revisit the learning we have already done in school via the school website.

Please return your completed work on Monday 11<sup>th</sup> July 2022.



## Volcano Comprehension:

Use the website below to research volcanoes and then answer the questions. You must answer in full sentences using part of the question in your answer.

1. Where are volcanoes found?
2. What is the difference between magma and lava?
3. What key facts do you know about the world's largest volcano?
4. What is a tectonic plate?
5. What are the three different types of volcanoes?
6. Why should volcanoes be avoided?
7. What are the different materials that erupt from a volcano?

<https://www.funkidslive.com/learn/top-10-facts/top-10-facts-about-volcanoes/>

\*Don't forget to read the books that are allocated every Monday on Bug Club.



## Mount Vesuvius:

The city of Pompeii is famous because it was destroyed in 79 CE when a nearby volcano, Mount Vesuvius, erupted.

Your task is to use the website below to research and understand what happened in Pompeii and present what you have learnt.



You may choose to:

- Write a newspaper report about the events.
- A diary entry as a survivor.
- A question and answer quiz.
- A non-chronological report.
- A guide book for tourists to understand the history.

<https://www.twinkl.co.uk/blog/pompeii-facts-for-kids>

## Volcano Art:

In art, we will be exploring the work of Margret Godfrey; an award winning water colour artist.

Margret uses a range of different media to achieve texture in her volcano art creations.

Your task is to create your own piece of volcano inspired art in the style of Margret Godfrey.

You may wish to use water colours, or you may choose to use collage materials. Be creative and have fun!



## Volcano Word Problems:

Read through the problems carefully and please show all working out.

- 1) Five explorers go to a national park to research volcanoes. It costs £75.30 per person to enter the park. Each explorer also donates £21.80 to the park. How much do the explorers pay in all at the park?
- 2) The explorers take pictures of a volcano. Three of them take 10 pictures each. Two members take 9 pictures each. How many pictures did they take in all?
- 3) There are now a total of 13 members in your exploration team. Calculate the total cost of individual kit for the team.
- 4) You decide to set up camp at the national park. Each camp day will have the following costs: food £23.17, first aid £7.85, fuel £17.39, accident insurance £51.99 and tent hire £18.99. How many days will you stay and what is the total cost of your stay?
- 5) You decide to hire equipment for your research for one day only. What is the total cost?

Rucksack	£17	Equipment	Hire (cost per day)
Waterproofs	£9	Thermometer	✓ £1,234
Thermals	£13	Soil collection pods	✓ £2,543
Walking Boots	£26	Chemical analysis	✓ £7,325
Torch	£6	Richter graph	✓ £5,731
Sleeping Bag	£37		
Sleep mat	£48		
Survival Bag	£11		

\*Please continue to use Times Table Rock Stars to revise times tables. <https://trockstars.com/>

