

Topic Title: Journey to Pompeii

Year 4

Term Spring 1



Key question?

Where is Vesuvius and what were the causes and consequences of the eruption 79AD?

Big Questions:

How are volcanoes formed?

Where in the world (regions, countries and continents) are there active and dormant volcanoes?

What are the main geographical features of Campania, the region where Pompeii is located?

What are the key geographical features of volcanoes, mountains and earthquakes?

How can environments cause danger to living things?

Skills Taught:

Ask and answer geographical questions about the physical and human characteristics of a location. Use maps, atlases, globes and digital/computer mapping to locate countries and describe features

Use a range of resources to identify the key physical and human features of a location.

Identify key topographical features and land-use patterns; and understand how some of these aspects have changed over time.

Name and locate the Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle and date time zones. Describe some of the characteristics of these geographical areas.

Describe key aspects of: mountains, volcanoes and earthquakes.

Immersion Activity/Provocation: Videos of Pompeii; make a model of earth's crust; volcano model with chemical reactions and hands on volcano erupting

Topic Title: Journey from Pompeii Enquiry Question: Where is Vesuvius and what happened in Pompeii?

Focus Texts: 'Hot like Fire' Valerie Bloom 'Escape from Pompeii' Christina Balit



Challenge for All:

| | <u>Skills and Knowledge</u> |
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| Some children will: | <ul style="list-style-type: none">• Ask and answer geographical questions (such as: What is this place like? What or who will I see in this place? What do people do in this place?)• Use aerial images and plan perspectives to recognise landmarks and basic physical features.• Use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied. |
| Most children will: | <ul style="list-style-type: none">• Ask and answer geographical questions about the physical and human characteristics of a location.• Use maps, atlases, globes and digital/computer mapping to locate countries and describe features• Use a range of resources to identify the key physical and human features of a location.• Identify key topographical features and understand how some of these aspects have changed over time.• Name and locate the Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle and date time zones. Describe some of the characteristics of these geographical areas.• Describe key aspects of: rivers, mountains, volcanoes and earthquakes. |
| Some children will progress further and will: | <ul style="list-style-type: none">• Identify and describe how the physical features affect the human activity within a location.• Name and locate some of the countries and cities of the world and their identifying human and physical characteristics, including hills, mountains, rivers, key topographical features and land-use patterns; and understand how some of these aspects have changed over time.• Analyse and give views on the effectiveness of different geographical representations of a location (such as aerial images compared with maps and topological maps - as in London's Tube map).• Understand some of the reasons for geographical similarities and differences between countries.• Describe geographical diversity across the world. |

Enrichment/Outdoor Learning:

<http://www.keystage2literacy.co.uk/holiday-videos--pompeii.html>

<http://www.keystage2literacy.co.uk/escape-from-pompeii.html>

https://www.youtube.com/watch?v=d_u1RvUmRW4

Audio book: Magic Treehouse Vacation under the volcano

<https://www.nhm.ac.uk/events/nature-live-online-volcanoes.html>

Make model volcano is one that “erupts”. To do this, build a papier-mâché volcano around a plastic drinks bottle. Place it on a waterproof tray. Add a tablespoon of baking soda, a tablespoon of soap powder, a few drops of red or orange food colouring and 180ml of water to the bottle and mix. Quickly add 45ml of vinegar then stand back and watch the eruption.

Extension activity, students could investigate some of the measures that are taken to protect towns that are near volcanoes, such as constructing gullies to redirect lava flows.

Key Vocabulary:

Active dormant Campania volcano mantle magma lava
earthquake zone tectonic pressure crust continent ocean
basin core extinct Mount Vesuvius

Cross-curricular links:

English: write a story based on ‘Escape from Pompeii’
book and audio book Magic Tree Vacation

Write a newspaper article reporting on the volcanic
eruption and tourist information leaflet on Pompeii

History – Roman Empire and what life was like in
Pompeii in 79 AD

Science: chemical reaction in hands on volcano

Celebration of knowledge and skills gained (opportunities for assessment):

Write and information leaflet about volcanoes that includes key features and knowledge on location