

Earth Explorers (Click for more detail)



Connect: Bristol

This topic will develop the children's understanding of the location of European countries and their relationship with the UK. They will also understand the structure of the Earth, how mountains and volcanoes are formed and how earthquakes occur. There will be a focus on the impact this has on the people, as well as the physical and human geography of a location.

- How are mountains and volcanoes formed? How has this shaped different places in the world, Europe and the UK over time?
- What is the structure of the Earth?
- What causes earthquake and what impact do they have on people and the location where they occur?
- Where are the countries in Europe located relative to the UK?
- What are contour lines on an OS map?
- What can we discover about the physical and human geography of a location in Europe and how this has been shaped over time? (Vesuvius – linked to Roman history topic.)
- How to use an atlas, OS map, digital map for different purposes.
- Understand key vocabulary relating to location.

Preview: Rainforests – case study of South America.

Earth Explorers



Key vocabulary:

Hemisphere, mountain, volcano, earthquake, tectonic plates, lava, magma, eruption, core, mantle, crust, tsunami, Richter scale, contour line.

Significant people:

Richter

Subject specific skills

Use geographical terms – volcanoes, mountains, earthquakes, tectonic plate, crust, outer core, inner core, mantle.

Name and locate countries in Europe and the UK.

Describe their location in terms of hemisphere and proximity to the North Pole and relative position of countries with each other and the UK.

Use a basic OS map to identify contour lines.

Use an atlas.

Essential takeaways

Children will be able to:

- Label the 4 layers of the Earth.
- Locate and interpret contour lines on an OS map.
- Use an atlas to locate the countries in Europe.
- Use an atlas to locate mountains in the UK and Europe.
- Give 3 ways a volcanic eruption impacts the human and physical geography of a location.
- Explain how earthquakes are caused by movement of tectonic plates.
- Explain how mountains and volcanoes are formed over time.

Cross curricular opportunities

Drama – Volcanoes play.

English - Diary entry based on the book – Survivor. Escape from Pompeii.

DT – Pop-up information book.

Builds on:

[Bristol](#) (Y3)

Prepares for:

[Rainforests](#) (Y5) [Explorers](#) (Y5) [America](#) (Y6)