

Mapping Our World – Volcanoes and Earthquakes



INTENT

At the end of this topic, we will have built on our locating skills in Key Stage One to gain a how deeper look at how *Geographers* describe location around the world. We will be able to recognise some of the important lines that split up the areas of the Earth, use latitude and longitude like real explorers to find and locate volcanoes. We will also explore the impact of tectonic plates on locations around the world.

These are the key skills you will gain through this unit:

Knowledge	<u>Locational Knowledge</u> I can locate and name the continents and give an example of a country within them. I can name and locate the equator. I can locate the Northern and Southern Hemisphere. I can name and locate the five oceans. I can identify places where there are lots of volcanoes and/or earthquakes. <u>Place Knowledge</u> I can describe where in the world volcanoes and earthquakes occur. I can tell the difference between earthquakes and volcanoes. I can understand why there aren't many earthquakes and volcanoes in Britain. <u>Human and Physical Geography Knowledge</u> I can describe physical geography linked to volcanoes and mountains. I can describe the impact it has human geography
Skills	I can ask and answer geographical questions about the physical and human characteristics of a location. I can use maps, atlases, globes and digital/computer mapping (Google Earth) to locate countries and features already studied. I can use locational and directional language including 4 compass directions to describe the location of features on a map. I can begin to use fieldwork to observe and record the human and physical features in the local area such as taking photographs, making notes and doing sketches. I can create maps of locations identifying at least five features with a key.

These are some of the key new geographical terms that you will learn in this unit:

Vocabulary

Tsunami,	Magnitude,	Hazardous,
Earthquake,	Intensity,	Obsidian,
Volcano,	Fault,	Debris
Tectonic plate,	Dormant,	feature
Magma,	Extinct,	key
Igneous,	Tremor,	

Throughout the unit, you will learn the meaning of these words.

How can you use them throughout the unit? How can you use them in other work? What other new vocabulary have you discovered?

Reading Links

Reading texts such as explanation texts that are structured in particular ways.

'Pompeii' Literacy key text.

Writing Links

Writing an explanation of how volcanoes work.

Maths Links

Creating and reading tables of data about volcanoes around the world.

Other Curriculum Links

Art and DT - Build a volcano and study 'Vesuvius' by Andy Warhol.

Science - Understand the links between volcanoes and rock types

Music - River Deep, Mountain High