



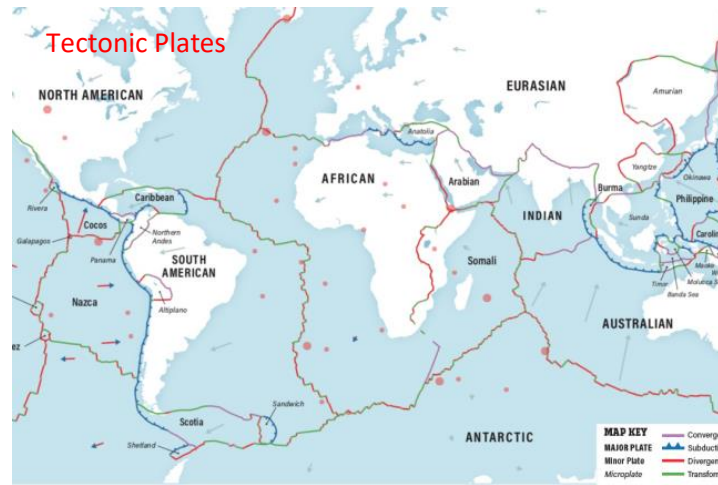
Overview

- The structure of the Earth.
- Features of a volcano.
- Famous volcanoes and earthquakes.
- Effects of volcanoes and earthquakes.
- Preparing for an earthquake.
- What it's like living near a volcano.



Key Facts

Famous volcanoes:
 Soufrière (St Lucia, North America), Eyjafjallajökul (Iceland, Europe), Popocatepetl (Mexico, North America), Vesuvius (Italy, Europe), St Helens (USA, North America), Etna (Italy, Europe).



Key Knowledge

The Earth is made up of layers. The top layer, the Earth's crust, consists of large slabs of rocks, called plates.

The plates move as the hot mantle flows beneath them. The movement of the plates causes earthquakes and leads to volcanoes erupting.

Earthquakes are measured on the Richter scale, They can cause devastating damage to buildings, roads and land.

When volcanoes erupt they spew out lava. This is a very hot liquid that destroy anything in its path.

What will be our key questions?

- What lies beneath the surface of the Earth?
- What happens when the Earth's plates meet?
- What goes on inside a volcano?
- What can I find out about real volcanoes?
- What happens when a volcano erupts?
- What would it be like to live near a volcano?

Key Vocabulary:

- | | | | | |
|----------------|---------------|-------------|----------------------|-----|
| Crater | Core | Disaster | Dormant | |
| Eruption | Boundaries | Plates | Magma | |
| Tsunami | Epcentre | Volcano | Mantle | |
| Tectonic cloud | Crust | Magna | Central vent | Ash |
| Europe | Lava | Map | Central Ring Of Fire | |
| Effects | North America | Eye Witness | | |
| | Impact | Advantage | Disadvantage | |



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Focus	Small Steps	Comment	
Describe and understand key aspects of physical geography, including: volcanoes	<ul style="list-style-type: none"> I can recognise that the Earth beneath the ocean floor land is different from the land I can label the structure of the Earth 	Self-Assessment : <input type="checkbox"/> 😊 <input type="checkbox"/> 😐 <input type="checkbox"/> ☹️	Teacher Assessment: <input type="checkbox"/> 😊 <input type="checkbox"/> 😐 <input type="checkbox"/> ☹️
Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.	<ul style="list-style-type: none"> I can find out where in the world the plates meet I can label a map of the plates I can describe what happens at the boundaries between the Earth's plates 	Self-Assessment : <input type="checkbox"/> 😊 <input type="checkbox"/> 😐 <input type="checkbox"/> ☹️	Teacher Assessment: <input type="checkbox"/> 😊 <input type="checkbox"/> 😐 <input type="checkbox"/> ☹️
Describe and understand key aspects of physical geography, including: volcanoes	<ul style="list-style-type: none"> I can show what happens inside a volcano I can identify the key features of a volcano I can identify what happens when a volcano erupts 	Self-Assessment : <input type="checkbox"/> 😊 <input type="checkbox"/> 😐 <input type="checkbox"/> ☹️	Teacher Assessment: <input type="checkbox"/> 😊 <input type="checkbox"/> 😐 <input type="checkbox"/> ☹️
Describe and understand key aspects of physical geography, including: volcanoes	<ul style="list-style-type: none"> I can locate a range of famous volcanoes I can use online resources (including maps) to find out key facts about a volcano, including when it last erupted 	Self-Assessment : <input type="checkbox"/> 😊 <input type="checkbox"/> 😐 <input type="checkbox"/> ☹️	Teacher Assessment: <input type="checkbox"/> 😊 <input type="checkbox"/> 😐 <input type="checkbox"/> ☹️
Describe and understand key aspects of physical geography, including: volcanoes	<ul style="list-style-type: none"> I can recognise the signs that an eruption could happen I can find out what happens to a volcano after an eruption I can report on the effects of a specific volcanic eruption 	Self-Assessment : <input type="checkbox"/> 😊 <input type="checkbox"/> 😐 <input type="checkbox"/> ☹️	Teacher Assessment: <input type="checkbox"/> 😊 <input type="checkbox"/> 😐 <input type="checkbox"/> ☹️

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Describe and understand key aspects of physical geography, including: volcanoes	<ul style="list-style-type: none">• I can find out the risks of living near a volcano• I can evaluate the advantages and disadvantages of living near a volcano	Self-Assessment : <input type="checkbox"/> 😊 <input type="checkbox"/> 😐 <input type="checkbox"/> ☹️	Teacher Assessment: <input type="checkbox"/> 😊 <input type="checkbox"/> 😐 <input type="checkbox"/> ☹️
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