

Year 3 - Autumn Term 2 -What makes the Earth angry?



What is a volcano and how does it erupt?
Can I identify the main parts of a volcano?
Can I plot the location of the world's most famous volcanoes on a map and by using a 4 figure grid reference?

What are the Earth's tectonic plates?
Can I locate the Ring of Fire on a map?
What is an earthquake and why do they occur?

Why are farms commonly found near volcanoes?
What is the impact of a volcanic eruption on people and the environment?

What are the human and physical differences between Mossley and a volcanic area?

What are the different types of rock? Can I group them by size, colour and hardness?
How are fossils created?
What is soil made from?
What types of soil absorb the most water?

What effect did the eruption of Vesuvius have on Pompeii?

Can I do research using a search engine?
Can I gather information from the internet?

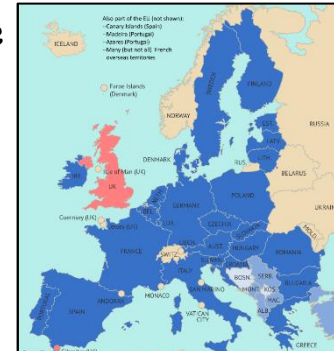
Can I listen with attention to detail and identify the dimensions to Vivaldi Techno-Vanessa Mae Violin Volcano Eruption?

Can I create a rock sculpture?
Can I create a painting based on Katsushika Hokusai's The Great Wave?

How can we make a model volcano erupt?
Can I research volcanoes and locate them on maps?



Europe



Mossley within UK



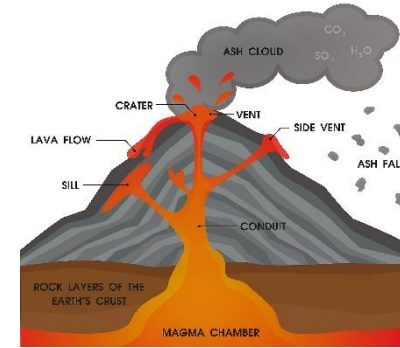
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KEY VOCABULARY

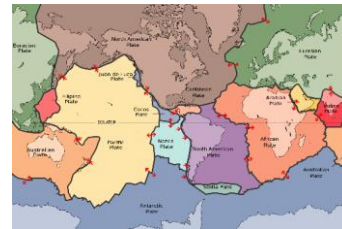
Volcano	A mountain or hill, having a crater through which magma, vapour and gas have erupted onto the Earth's crust.
Earthquake	A sudden violent shaking of the ground, typically causing great destruction as a result of movements within the Earth's crust.
Tectonic plates	Slabs of rock that make up the outer crust of the Earth.
Plate boundaries	Areas where two tectonic plates meet.
Lava	Hot molten rock which has erupted from a volcano.
Crater	The area around the opening of a volcano, usually shaped like a bowl.
Vent	A large hole in the Earth's crust that allows hot magma to reach the surface.
Magma chamber	A large pool of magma within the earth's crust beneath a volcano.
Eruption	The bursting out of material from a volcano.
Richter scale	A numerical scale used to show how severe an earthquake is.
Igneous rock	Rock formed when molten rock cools and becomes solid.
Sedimentary rock	Rock formed at the bottom of oceans and lakes when sediment binds together.
Metamorphic rock	Rock which has been changed due to heat or pressure.



Where is the Ring of Fire located?



The structure of a volcano



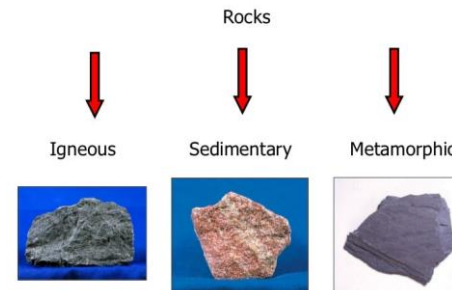
Tectonic plates



Damage caused by an earthquake



Fossils



Different types of rock

Things I would like to know about this topic.

1. _____

2. _____

3. _____