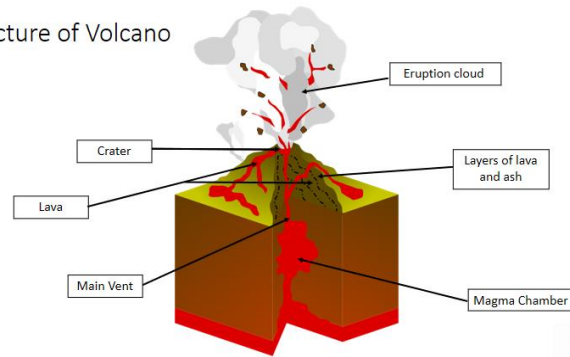


## Natural Disasters - Pompeii – Knowledge Organiser Year 3 Spring 2

### Vocabulary

Mountains	A very high area of land with steep sides.
Tectonic plate	Tectonic plates are large plates of rock that make up the Earth's crust.
Volcano	A mountain from which hot melted rock, gas, steam, and ash from inside the Earth sometimes burst.
Molten Rock	Rock that has been melted.
Lava	Molten rock that oozes or flows above the earth's surface.
Ring of Fire	A belt like region, surrounding the Pacific Ocean, where most of the World's volcanoes can be found and earthquakes happen.
Magma	Molten rock that oozes or flows beneath the earth's surface.
Preserved	To take action to save something from damage.
Cast	A model that has been made by pouring a liquid into something, so that when it hardens it has the same shape.

Structure of Volcano

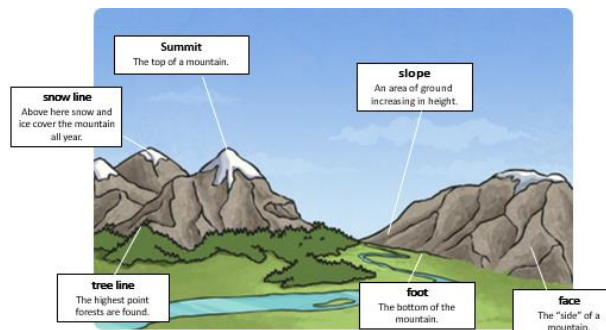


**Active volcano-** is one which has recently erupted and there is a possibility that it may erupt soon.

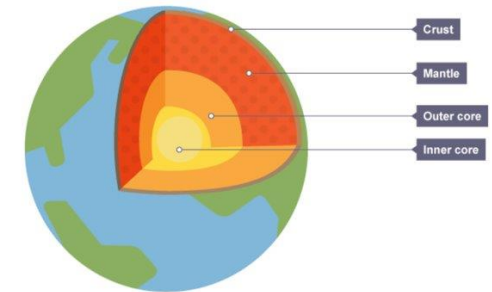
**Dormant volcano-** is one which has not erupted in a long time but there is a possibility it can erupt in the future.

**Extinct volcano-** is one which has erupted thousands of years ago and there's no possibility of eruption.

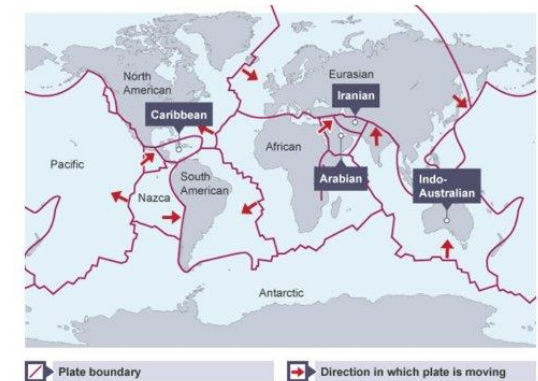
### Mountains



### How the Earth is structured



The surface of the Earth is made up of tectonic plates.



### Earthquakes

Earthquakes are the sudden violent shaking of the ground. They are measured on a Richter Scale.

Richter Magnitude	Earthquake effects
0-2	Not felt by people
2-3	Felt little by people
3-4	Ceiling lights swing
4-5	Walls crack
5-6	Furniture moves
6-7	Some buildings collapse
7-8	Many buildings destroyed
8-Up	Total destruction of buildings, bridges and roads