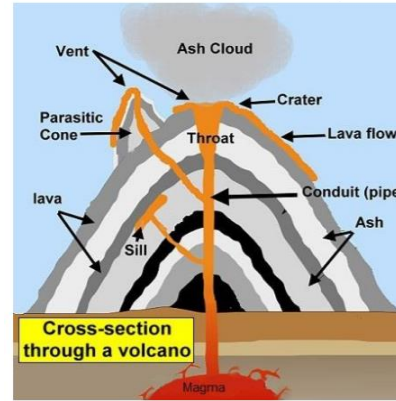
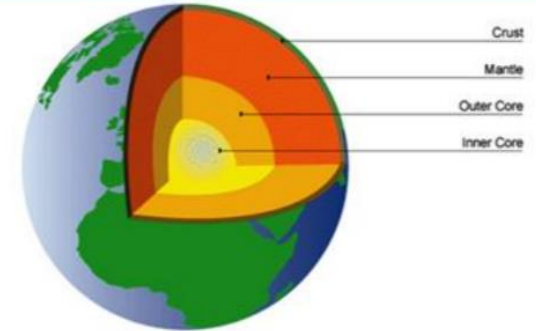


What will we be learning?

- Find out about the structure of the Earth.
- Explain why earthquakes occur.
- Locate where famous earthquakes have occurred and identify the effect of earthquakes on land and people.
- Identify the help people need after an earthquake and how to prepare for an earthquake.
- Describe and explain the key features of a volcano.
- Evaluate the advantages and disadvantages of living near a volcano.

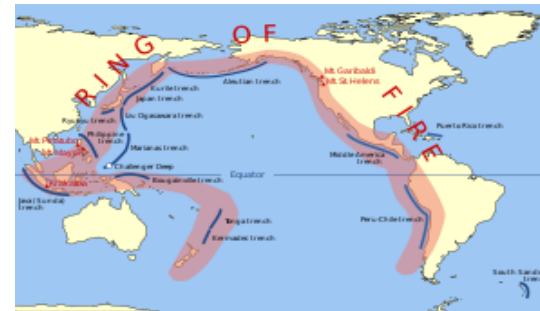


Layers Of The Earth



Key vocabulary

- **Human features:** something that is built by humans and would not have existed in nature e.g. houses, factories, farms, harbours, cities.
- **Physical features:** something that has happened naturally e.g. forests, cliffs, the
- **Land use:** the way in which people use land.
- **Volcano:** A rupture in the Earth's crust where molten lava, hot ash, and gases from below the Earth's crust escape into the air.
- **Dormant volcano:** A volcano that has not erupted for a while but technically could in the future.
- **Active volcano:** A volcano that is erupting or likely to erupt.
- **Extinct volcano:** A volcano that has not erupted for a long time and is unlikely to erupt at all in the future.
- **Magma:** Melted rock that is underground at the earth's core.
- **Lava:** When magma comes out from the ground in a volcano and it is still melted, it is called lava.
- **Eruption:** When a volcano erupts it sprays out lots of hot molten rock called lava.
- **Earthquake:** A sudden violent shaking of the ground, typically causing great destruction, as a result of movements within the earth's crust or volcanic action.



Tectonic plates
 Earth's outer layer is made up of large, moving pieces called plates. All of Earth's land and water sit on these plates. The plates are made of solid rock.

Which of these describe a volcano that will never erupt again?	
Active	
Dormant	
Extinct	

Which part of the Earth is the hottest?	
The core	
The mantle	
The crust	

An earthquake drill is...	
something used to rescue people trapped in rubble?	
a set of instructions used to protect people?	

Tick the true statement.	
The Earth's crust is made up of giant pieces called plates.	
An earthquake is when the ground erupts.	