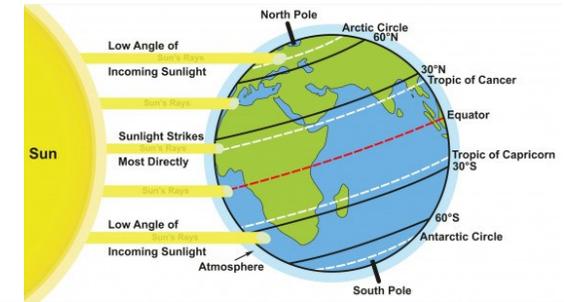




Locational Knowledge

- ◆ The Tropics of Cancer and Capricorn are lines that are exactly 30 degrees North and South of the Equator. The Sun will shine directly overhead at these points where you will find warm, tropical climates. These lines are used to locate places on Earth accurately
- ◆ The UK have many volcanoes but they are all *extinct*



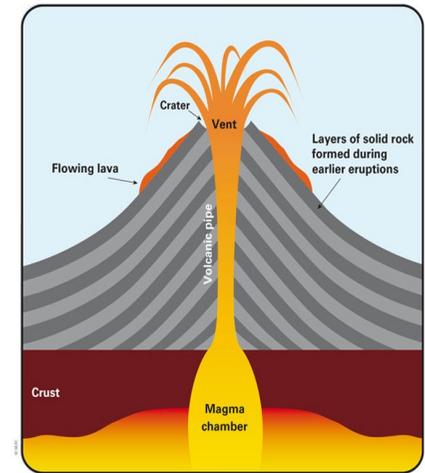
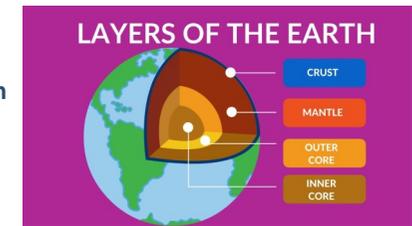
Place Knowledge

- ◆ The 'Ring of Fire' has 75% of the world's live volcanoes, and stretches 2,500 miles
- ◆ It is based along the West coast of North and South America, and the edges of the Pacific Ocean



Human and Physical Geography

- ◆ There are 8 plates across the Earth's surface; **Eurasian, Pacific, Indo Australian, Antarctic, North American, South American, African and Nazra.**
- ◆ These plates are constantly moving slowly and their edges are known as plate boundaries.
- ◆ A mountain usually form firsts and then a volcano is formed when molten rock escapes out of the opening in the Earth's crust
- ◆ After eruption, lava cools down and hardens into igneous rock
- ◆ There are 3 main types of volcano, **stratovolcano, shield and lava dome**
- ◆ Eruptions present risks to the people living in local settlements
- ◆ Volcanoes are popular tourist attractions and many people attempt to climb these natural landforms
- ◆ Like mountains, the higher you climb, the colder it becomes
- ◆ Volcanic ash can also release from the volcano after the explosion



Word	Definition
Latitude	The measurement of distance North or South from the Equator to locate a place on Earth
Longitude	The measurement of distance East or West from the Equator to locate a place on Earth
Tectonic plates	8 large slabs of land making up the Earth's crust that cover land and sea
Dormant	A volcano that has not erupted recently but is expected to erupt again
Active	A volcano that is erupting or has recently
Magma	Hot molten rock that is under the Earth's crust
Lava	Hot molten rock when it has erupted onto the surface of Earth