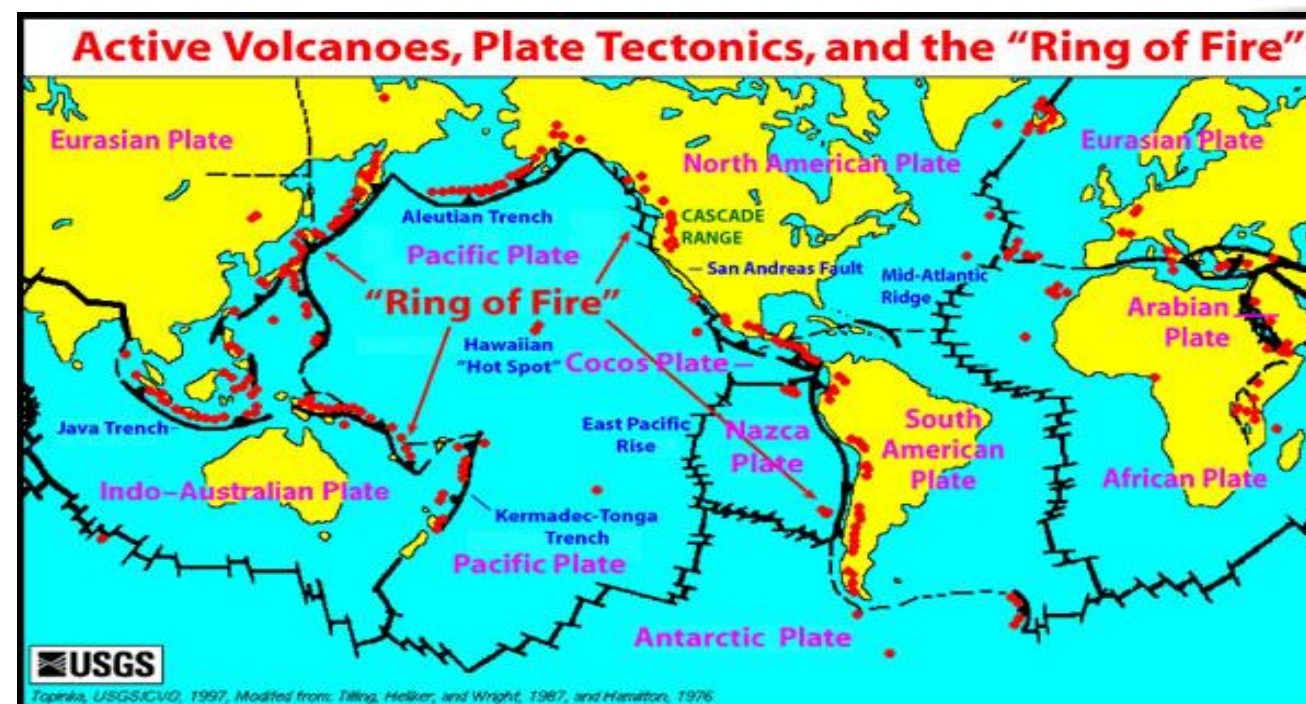
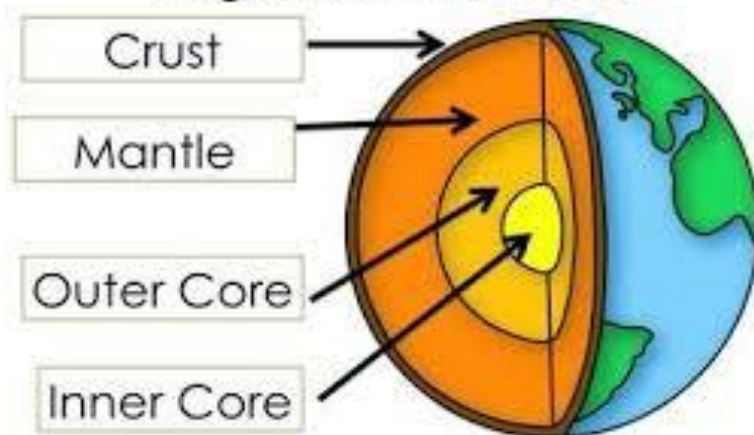


Why is the Earth so angry?



Layers of the Earth



Key Vocabulary			
Crust 	Earth's crust is a thin shell on the outside of Earth.	Ring of fire 	The Ring of Fire is a major area in the Pacific Ocean where many earthquakes and volcanic eruptions occur.
Mantle 	The mantle lays below the Earth's crust and above the core. Earth's mantle is made of rocks and is the biggest layer.	Fold mountains 	Fold mountains are created when two or more of Earth's tectonic plates are pushed together.
Outer core 	Earth's outer core is a fluid layer made mostly of iron and nickel. It is below the mantle and above the inner core.	Tectonic plates 	Tectonic plates are pieces of Earth's crusts and uppermost mantle. There are seven main tectonic plates.
Inner core 	Earth's inner core is a solid ball in the centre of Earth which is extremely hot.	Divergent 	This is where the plates move apart from each other. This movement forms volcanoes.
Magma 	Magma is a hot fluid found below or within the Earth's crust. Lava and other rocks are formed from magma when it cools.	Convergent 	This is where the plates move towards each other and crash together or one goes under the other.
Tsunami 	A tsunami is a series of waves caused by the displacement of a large volume of water. E.g. an earthquake or volcanic eruption.	Transform 	This is where the plates move alongside each other. This movement forms earthquakes.

Boundary	Movement	Diagram	Landforms
Convergent 	The plates move towards each other so either collide or one moves under the other		Volcanoes Fold mountains Earthquakes
Divergent 	The plates move apart		Volcanoes
Transform 	The plates rub alongside each other (lateral sliding)		Earthquakes