



## St Paul's C of E Primary School – Knowledge Organiser

Name of Topic

Earthquakes

Year Group

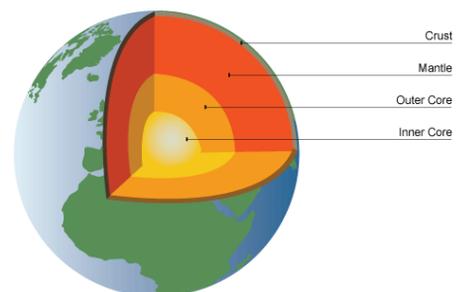
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### Key Vocabulary and Spellings

1	Continent	A large area of land Asia, Africa, North America, South America, Antarctica, Australia, Europe
2	Earthquake	A shaking of the ground due to one or more tectonic plates pushing or rubbing against each other
3	magnitude	The strength of an earthquake
4	epicentre	The area above where an earthquake occurs
5	Richter scale	A numerical scale used to measure the strength of an earthquake
6	fault	The area between two tectonic plates where an earthquake could occur
7	plate	Huge slabs of rock that make up the Earth's crust
8	Ring of Fire	An area in the Pacific Ocean characterised by earthquakes and volcanic activity

### Top 5 Topic Facts

1	There are three types of faults: strike-slip, dip-slip and reverse dip-slip.
2	The study of earthquakes is referred to as Seismology.
3	Some earthquakes can occur in the ocean, which in turn causes tsunamis.
4	75% of the world's volcanoes and 90% of the world's earthquakes have their home in the Ring of Fire.
5	The Mariana Trench was created due to one tectonic plate moving under a neighbouring plate.



### Key Investigations/Questions

1	What causes earthquakes?
2	How do we measure the magnitude of an earthquake and why?
3	Why do tectonic plates move?