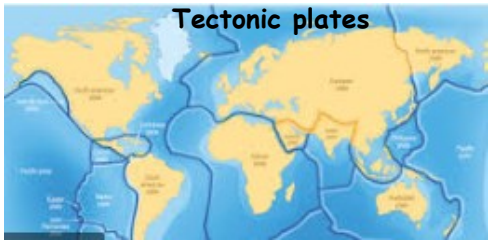
Year 3 - Summer Term - Shakes and Quakes

Aftermath	The period following a disastrous event.
Friction	A force between two surfaces that are sliding, or trying to slide, across each other.
Tremor	A small earthquake in which the ground shakes slightly.
Richter scale	A measurement that gauges the magnitude or the energy generated by an earthquake.
epicentre	The epicentre is directly above the focus of the earthquake, the point where the earthquake originates.
seismologist	A scientist who studies earthquakes and tsunamis as well as other geological events

80% of all Earthquakes occur here.



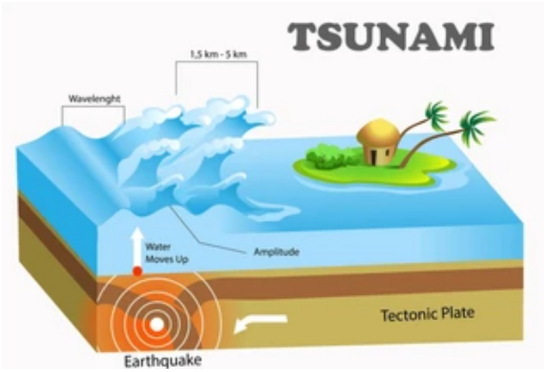
They happen along fault lines. This is where two tectonic plates meet.



In Ancient Greece, people believed that the god of the sea, Poseidon, caused earthquakes. By striking the ground with his trident when he was angry.

Earthquakes normally last for less than a minute but can cause a lot of damage in that time.

Tectonic plates move less than 17cm per year but a movement of just 20cm can cause a major earthquake





Rat Islands, Alaska, 1965	Ecuador coast, 1906	Bio-Bio, Chile, 2010	Kamchatka, Russia, 1952	Sendai, Japan, 2011	Sumatra, Indonesia, 2004	Prince William Sound, Alaska, 1964	Valdivia, Chile, 1960
8.7	8.8	8.8	9.0	9.0	9.1	9.2	9.5