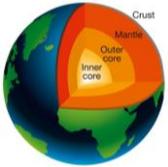




Timeline	
22 nd May 1960	The largest earthquake ever recorded in the world was in Chile
22 nd February 2011	An earthquake occurred in Christchurch in New Zealand.
11 th March 2011	Japan, Tsunami triggered by earthquake
23 rd October 2011	An earthquake in Van in Japan.
11 th August 2012	An earthquake in East Azerbaijan and Iran
7 th November 2012	An earthquake in Guatemala and Mexico
1 st April 2014	An earthquake in Chile.
29 th August 2019	Most recent earthquake in Oregon, USA.

Layers of the earth



Key Facts
An earthquake in New Zealand is not unusual. They occur through the country in North and South Island.
Earthquakes can be very mild to very serious and are measured using a Richter scale. 1 is mild and 10 is very severe.
The largest earthquake ever recorded in the world was in Chile in 1960.
Earthquakes can cause huge waves in the ocean called tsunamis.

New Zealand Earthquake Data			
Year	Epicentre	North or South Island?	Magnitude on the Richter scale 1-10
1848	Picton	South	7.8
1855	Wellington	North	8.2
1929	Collingwood	North	7.8
1931	Napier	North	7.8
1934	Clyde	South	7.6
1942	Masterton	North	7.2
1942	Masterton	North	7.0
1968	Inangahua	South	7.1
1987	Napier	North	6.8
2007	Gisborne	North	6.8
2009	West Cape	South	7.8
2010	Christchurch	South	7.1
2011	Christchurch	South	6.3

Vocabulary Dozen	
Crust	This is the very thin outer layer of the Earth.
Damage	Physical harm that impairs the value
Earthquake	A sudden violent shaking of the ground, typically causing great destruction, as a result of movements within the earth's crust.
Epicentre	The location or place on the Earth's surface directly above where an earthquake happens as the rocks move below
Focus	The point within the earth where an earthquake starts.
Magnitude	The size or power of an earthquake.
Non-renewable	This is a natural resource or source of energy that is depleted by use.
Plate	This is the crust is broken up into huge blocks called plates
Renewable	This is a natural resource or source of energy that is not depleted by use.
Richter scale	This is the scale used to measure the size of the earthquake. It is measured between 1 and 10.
Sustainable	When something is maintained at a certain rate or level.
Volcano	A mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapour, and gas are or have been erupted from the earth's crust.

Home Geographer:

- Design a poster explaining what an earthquake is and what it can cause.
- Write 5 facts about earthquakes.

While at home you could investigate these links: <https://www.coolkidfacts.com/earthquakes-for-kids/> <https://www.theschoolrun.com/homework-help/earthquakes>

Diagram Showing The Distribution Of Earthquakes

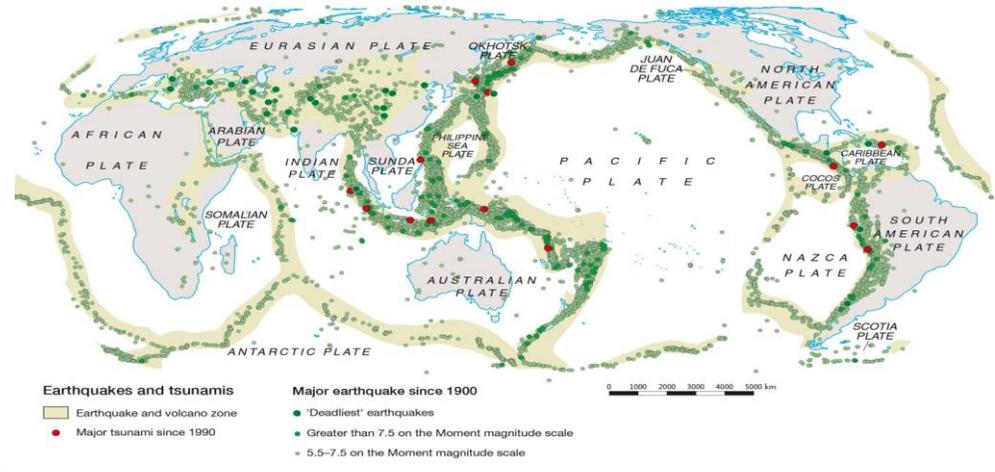
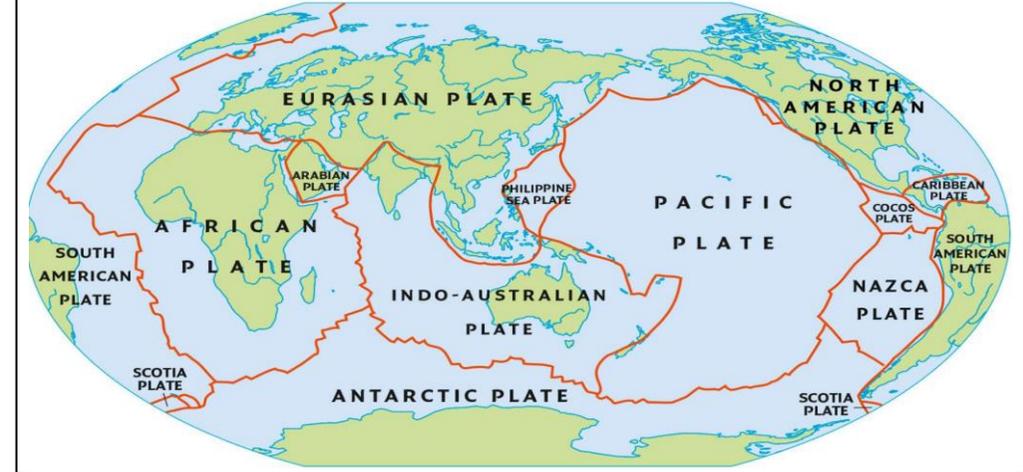


Diagram Showing The Location Of The Tectonic Plates

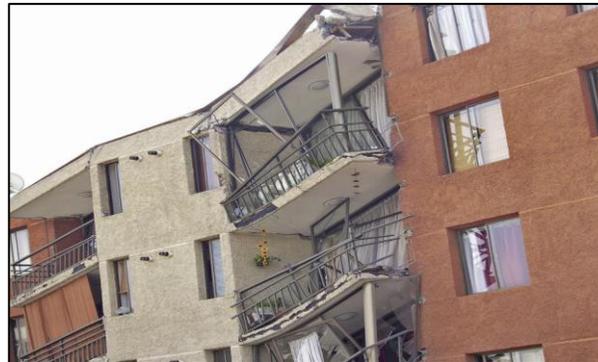


Pictures Showing The Effects Of Earthquakes

Haiti (Caribbean)



Chile (South America)



New Zealand (Oceania)

