

Earth Science (Apologia Science)

Lesson 5 Earthquakes

What causes an earthquake – transform, divergence or convergence?

Draw a picture of the cause example:

What method is used to measure the strength of an earthquake?

What is the highest recorded earthquake strength?

How do tectonic plates affect an earthquake?

Why are tsunamis often involved with earthquakes?

Research and describe the worst recorded earthquakes in these two places:

1960 – Great Chilean Earthquake

Country:

Strength:

Length:

Damage:

2004- Sumatra-Andaman Earthquake

Country:

Strength:

Length:

Damage:

Websites to find information:

- [What were the world's deadliest earthquakes? - Our World in Data](#)
- [The worst earthquakes in recorded history – DW – 09/09/2023](#)
- [Chile earthquake of 1960 | Causes, Effects, & Facts | Britannica](#)
- [Indian Ocean tsunami of 2004 | Facts & Death Toll | Britannica](#)
- [What were the world's deadliest earthquakes? - Our World in Data](#)

Mark the epicenter of the major earthquakes in their country on the map below:

