

EARTHQUAKES KNOWLEDGE ORGANISER

KEY QUESTIONS

What are the four layers of the Earth?	What are the causes of an Earthquake?	How can we measure the intensity of an Earthquake?
Why do people choose to live in Earthquake zones? What are the benefits/problems this may cause?	How can we predict, prepare and plan for an earthquake?	What are the effects and responses of an earthquake you have studied?
What is a tsunami? How does it form? What are the effects of a tsunami?	What are plate boundaries? How do they relate to earthquakes?	How does the damage of an earthquake vary in different countries?

KEY WORDS

Earthquake	What occurs when rocks within the Earth's crust moves suddenly and violently. They occur when rocks that have been pushed together and are under great pressure suddenly move to release the stress.
Fault	Cracks and fractures in the weak areas of the Earth's crust.
Focus	The point inside Earth where the earthquake originates from.
Epicentre	The point on the surface of the Earth directly above the focus; the strongest shaking is felt at/nearest to that point.
Seismograph	An instrument that measures and records details of earthquakes, and are commonly used to record the force released by the earthquake and the duration.
Effect	An effect is an impact on people, money and land from a particular thing e.g. earthquake.
Response	A response is how people act, change and help after a natural disaster e.g. sending food.

DIAGRAMS/MAPS

