

Earthquakes: Understanding the Science Behind Them

Learning objective: To understand the causes and effects of earthquakes, and to be able to describe them in a clear and organised way.

Write a short information text about earthquakes, using the following prompts to help you.

Earthquakes are powerful natural disasters that can cause a lot of damage and destruction.

Word bank: causes · effects · plate tectonics · earthquake proof buildings · landslides · aftershocks · emergency services · damage · safety measures

1. What are the main causes of earthquakes? (2 marks)

2. Describe the effects of an earthquake on a city. (3 marks)

3. What are some ways to protect buildings from earthquake damage? (2 marks)

4. Imagine you are a scientist studying an earthquake. What would you do to help people affected by the disaster? (3 marks)

5. What can people do to stay safe during an earthquake? (2 marks)

6. What are some ways to help rebuild a community after an earthquake? (3 marks)

Draw: Draw a picture of what might happen during an earthquake, including the effects on the ground, buildings, and people.



Extension challenge: Research and write about a famous earthquake in history, and describe how it affected the people and the environment.