

Earthquake Quiz

Learning objective: To understand the concept of earthquakes, their causes, and effects.

Read each question carefully and choose the correct answer.

An earthquake is a sudden movement in the Earth's crust that causes the ground to shake.

Word bank: tectonic · plate · fault · magnitude

1. What is the main reason for earthquakes? A) Volcanic eruptions, B) Weather changes, C) Movement of tectonic plates*, D) Changes in the Earth's core (1 mark)

2. True or False: Earthquakes only happen in certain parts of the world. (1 mark)

3. What is a scientist called who studies earthquakes? (1 mark)

4. If an earthquake measures 5 on the Richter scale, what does it mean? A) It is a very small earthquake, B) It is a moderate-sized earthquake, C) It is a very large earthquake, D) It is the largest ever recorded. (1 mark)

5. What is the term for a crack in the Earth's surface where tectonic plates move apart or collide? (1 mark)

6. What should you do during an earthquake? A) Run outside, B) Stay inside and move to the safest area, C) Try to stop the earthquake, D) Yell for help. (1 mark)

7. Which of the following is NOT an effect of an earthquake? A) Buildings may collapse, B) Earthquake waves can travel long distances, C) Changes in the weather, D) Landslides can occur. (1 mark)

8. What is the term for the measurement of an earthquake's size? (1 mark)

9. True or False: You can prepare for earthquakes by building stronger buildings. (1 mark)

10. What should you do after an earthquake if you are in school? A) Stay in the classroom, B) Go home immediately, C) Assemble in a safe area with teachers, D) Leave the school building. (1 mark)

11. What is the name of the plate boundary where tectonic plates move apart? (1 mark)

Draw: Draw a picture of a building that is designed to withstand earthquakes.



Extension challenge: Research and write about a recent earthquake that happened in the UK or another country.