

## Class 4 Geography: Earthquakes

*Learning objective: To demonstrate understanding of what causes earthquakes, how they affect the environment, and how people prepare for them.*

Answer all questions in complete sentences. Use your own words as much as possible. Show all working for calculations.

*Word bank: fault line · seismic waves · tectonic plates · earthquake · aftershock · evacuation · emergency kit*

**1. What is an earthquake? (1 mark) (1 mark)**

**2. A town is located near a fault line. What might happen during an earthquake in this town? (2 marks) (2 marks)**

**3. What are seismic waves and how do they affect the environment? (3 marks) (3 marks)**

**4. Finn is a friendly dolphin who lives in a coastal town. The town has a risk of earthquakes. What items might Finn include in an evacuation kit? (2 marks) (2 marks)**

**5. Write a short poem about a town that has just experienced an earthquake. (5 marks) (5 marks)**

**6. A family has £25 to spend on earthquake safety equipment. They want to buy a first aid kit for £15 and a flashlight for £8. How much will they have left for other supplies? (3 marks) (3 marks)**

7. What is an aftershock and how might it affect people in the area? (2 marks) (2 marks)

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**Draw:** Draw a simple diagram of what happens during an earthquake, including seismic waves and the movement of tectonic plates.



*Extension challenge: Write a short story about a group of friends who learn about earthquake safety and create their own emergency kit. (5 marks) Total: /25*