

San Francisco – Loma Prieta Earthquake

Watch the [video clip](#) and answer the following questions in rough (you will need to refer to the answers later):

Background Information

1. When was the earthquake (include the exact date and time).
2. Was the earthquake expected?
3. Where was the epicentre of the earthquake?
4. How long did the earthquake last for?
5. How much damage was caused by the earthquake?

Earthquakes in the past

6. Where was the biggest earthquake ever?
7. What was the strength of this earthquake on the Richter Scale?
8. When did it occur?
9. What happened to the harbour during the earthquake?
10. Where do earthquakes happen generally?

What Happened?

11. How big was the San Francisco earthquake on the Richter Scale?
12. What happened to lots of homes in the area?
13. Over which fault line is San Francisco built?
14. What was the date of the most famous and devastating earthquake ever to hit San Francisco?
15. What happened to the rubble from this earthquake?
16. Which part of the city has been affected most in the recent earthquake? Why?

Earthquakes in LEDCs

17. How many people died in the Mexico earthquake?
18. Where is Mexico city built?

Science and Earthquakes

19. Why are earthquakes important?
20. What is special about Parkfield?
21. What do scientists use to predict movement?
22. What is the seismic gap theory?
23. How do people protect themselves?
24. Where does the worst damage often happen in earthquakes?
25. What is special about 'earthquake proof' buildings?

26. Why is the death toll often higher in poor countries?