

Volcanoes

Video comprehension



Volcano as seen from space.

Your tasks:

- 1 Read the question.
- 2 Watch the video clip.
- 3 Answer the question.
- 4 Repeat.

Notes:

All the video clips when watched back to back take 40 minutes. Make notes whilst watching the video clips so that you can complete the task in the time provided.



- 1 What is Europe's most active volcano?
- 2 What is destroyed by the eruption?

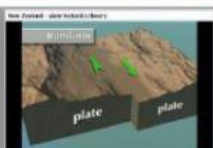


- 3 How far can lava flows go?
- 4 How hot is the lava in a lava lake?
- 5 How fast can lava flow?



- 6 Mantle – solid or liquid?
- 7 How thick is the Earth's crust?
- 8 What is the core made up of?

Earth's layers



- 9 List the different types of plate boundary.

boundaries
Different



- 10 What do we measure an earthquake with?
- 11 What is the centre of an earthquake called?

colliding
Continents



12 What is formed when plate boundaries collide?

13 How much can land rise during an earthquake?

are where?
Volcanoes



14 Where are volcanoes found?

15 Which tectonic plates does New Zealand lie on?



What happens in

16 List three things that can occur during an eruption?

17 How large was the area destroyed by the eruption?



18 When was the biggest eruption in recorded history?

19 How do we date eruptions from the past?

flows
Pyroclastic



20 What words can be used to describe a pyroclastic flow?

21 Which two eruptions enabled scientists to study them?

Lahars



22 Describe in your own words what a lahar is?

23 List some of the damage a lahar can do?

an effect on the climate
Mount Pinatubo



24 How high must an eruption go to affect the climate?

25 How did the climate change after the eruption?