

Volcanoes

Video comprehension



Volcano as seen from space.

Video clips found in this location:

<http://www.3dgeography.co.uk/#!/volcano-videos/c1ozy>

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.

Active volcanoes



1 What is Europe's most active volcano?

2 What is destroyed by the eruption?

Lava flows



3 How far can lava flows go?

5 How fast can lava flow?

4 How hot is the lava in a lava lake?

Earth's layers

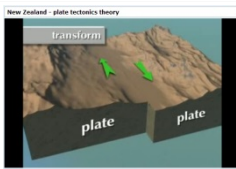


7 How thick is the Earth's crust?

6 Mantle – solid or liquid?

8 What is the core made up of?

Different plate boundaries



9 List the different types of plate boundary.

Earthquakes



10 What do we measure an earthquake with?

11 What is the centre of an earthquake called?

Continents colliding



12 What is formed when plate boundaries collide?

13 How much can land rise during an earthquake?

Volcanoes are where?



14 Where are volcanoes found?

15 Which tectonic plates does New Zealand lie on?

What happens in an eruption?



16 List three things that can occur during an eruption?

17 How large was the area destroyed by the eruption?

Biggest eruption?



18 When was the biggest eruption in recorded history?

19 How do we date eruptions from the past?

Pyroclastic flows



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

21 Which two eruptions enabled scientists to study them?

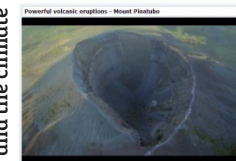
Lahars



22 Describe in your own words what a lahar is?

23 List some of the damage a lahar can do?

Mount Pinatubo and the climate



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

25 How did the climate change after the eruption?