

# 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.



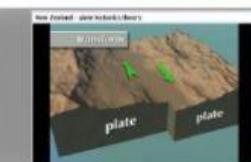
- 1 What is Europe's most active volcano?
- 2 What is destroyed by the eruption?



- 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?



- 9 List the different types of plate boundary.



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

Earth's layers

2 boundaries  
Different

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?

White



16 List three things that can occur during an eruption?

17 How large was the area destroyed by the eruption?

flows  
Pyroclastic



18 When was the biggest eruption in recorded history?

19 How do we date eruptions from the past?

Lahars



22 Describe in your own words what a lahar is?

23 List some of the damage a lahar can do?

and the climate  
Mount Pinatubo



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

25 How did the climate change after the eruption?