

Students: fill in next to the word answer and return the document for assessment.

Geography

Book: The Mountain Book

Pages 10-13

Everything here is based on our Curriculum Visions book The Mountain Book.

In this segment we are going to think about what happens when a volcano erupts, and what dangers it might bring.

You will need to go to page 10 of the book.

Part 1

What you will see is a page giving a cross section - a side cutaway view - of a simple volcano.

Read page 10 and look for the words magma chamber.

Write down where the magma chamber is. Is it inside the volcanic mountain or deep in the Earth below the volcano?

Answer.....

Part 2

Play the video on page 10. Write a sentence to say what a cinder cone is. Say where the material came from.

Answer.....

Part 3

Now turn to page 11.

Play the video on page 11. Make sure you watch it right through in full screen. It is very exciting. This shows lava coming from a volcano.

Does it come out in a broad sheet, or flow out like a winding river?

Answer.....

Part 4

Look at the lava in the video. Which colour of lava do you think is hottest, and which colour is coolest?

Answer.....

Write down why most volcanic rock we find away from active volcanoes is black not red or yellow.

Answer.....

Part 5

Write down the name of the part of the volcano the lava is pouring from.

After one minute twenty seconds of playing, the video shows a side view. How would you describe how the lava is coming out.

Answer.....

Part 6

Now turn to pages 12 and 13.

One use of Geography is to understand how the natural world works, so that we do not put ourselves in danger. Read the story of Mount St Helens eruption and then watch the video on Page 12.

Write a summary of what the eruption was like. Underline three key words.

Answer.....

Explain why this kind of volcano is so dangerous.

Answer.....

That is the end of this worksheet, and you can now turn to another one. Also, find out if your teacher has left you any other worksheets or special instructions on your school website.

If you interested in this topic continue to browse the book and watch our amazing videos. They start right on the book cover.