How Do Volcanoes Erupt?: answers

Year 5 · 13 marks. Accept any sensible answer that is backed up by the text.

1. Magma. (1 mark)

Finding information (2b). A key term that is defined in the first section.

2. A vent. (1 mark)

Finding information (2b). Finding a specific word in the third section.

3. fertile (1 mark)

Word meaning (2a). Matching a word to its meaning, using the section heading to find the right place.

4. It is lighter than the solid rock around it. (1 mark)

Explaining from the text. A cause stated in the first section that the child puts in their own words.

5. That gases are squashed in under pressure and can burst out suddenly, just as bubbles do when a fizzy drink is opened. (2 marks)

Explaining from the text. A comparison makes a hard idea easier to picture, and the child explains how.

6. The soil is fertile so crops grow well, and scientists can warn them if an eruption may be coming (use evidence from the last section). (2 marks)

Inference (2d). The child uses evidence from the text to explain a surprising choice.

7. 1. Magma rises from the mantle. 2. Magma gathers in a huge chamber. 3. Pressure inside the chamber grows. 4. Magma reaches the surface through a vent. (2 marks)

Sequencing events. Sequencing shows the child has followed the whole process.

8. Magma rises and collects in a chamber (1). Gas trapped in the magma builds up pressure (1). When the pressure is too great, the magma is forced to the surface and erupts as lava, ash and gas (1). (3 marks)

Summarising (2c). Picking out the main steps of an explanation and putting them in a short answer is the skill of summarising.

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