Finn’s Fiery Volcano Adventure

Learning objective: To identify the key parts of a volcano and understand how they are formed as part of Year 3 Geography.

Join Finn the dolphin on a journey under the sea and across the land to learn about volcanoes! Read the questions carefully and select the best answer.

Answer Key: 1. B, 2. True, 3. Vent, 4. C, 5. Lava, 6. False, 7. A, 8. Magma, 9. True, 10. Crater. A volcano is an opening in the Earth's crust that allows molten rock, gases, and ash to escape. When it is underground, it is called magma; when it reaches the surface, it is called lava.

Word bank: Magma · Lava · Crater · Vent · Ash · Eruption

1. 1. What do we call the opening at the top of a volcano? A) The chimney B) The crater* C) The hole D) The tunnel (1 mark)

2. 2. True or False: Volcanoes are only found on land, never under the ocean. (1 mark)

3. 3. What is the name of the central tube that carries magma to the surface? (1 word) (1 mark)

4. 4. When a volcano erupts, what does it release? A) Only water B) Only ice C) Lava, ash, and gas* D) Only sand (1 mark)

5. 5. What is molten rock called once it has erupted onto the Earth's surface? (1 word) (1 mark)

6. 6. True or False: All volcanoes are currently active and erupting every single day. (1 mark)

7. 7. Where is magma stored before it erupts? A) In a magma chamber* B) In a fridge C) In a cloud D) In a river (1 mark)

8. 8. What is the word for molten rock while it is still trapped deep underground? (1 word) (1 mark)

9. 9. True or False: Volcanic ash can sometimes travel very long distances through the air. (1 mark)

10. 10. If you were a scientist, what would you call the bowl-shaped top of a volcano? (1 word) (1 mark)

Draw: Draw a large volcano and label the following parts: the vent, the crater, and the lava flowing down the side.

Extension challenge: Imagine you are an explorer like Finn. Write three sentences about what you might see if you visited a dormant volcano that is now covered in plants and trees.