

Finn's Volcanic Voyage: A Geography Quiz

Learning objective: To identify the key features of volcanoes and understand how they are formed as part of the Earth's structure.

Join Finn the dolphin on his underwater mission to learn about the Earth's crust! Read each question carefully and select or write the best answer.

Answer Key: 1) B, 2) True, 3) Magma, 4) C, 5) False, 6) True, 7) Crater, 8) A, 9) D, 10) Tectonic. Remember: Magma is molten rock underground; Lava is molten rock that has reached the surface.

Word bank: Magma · Lava · Crust · Mantle · Vent · Eruption · Tectonic · Ash

1. 1. What is the name of the thin, outer layer of the Earth that we live on? A) Core, B) Crust*, C) Mantle, D) Inner Shell (1 mark)

2. 2. True or False: A volcano is an opening in the Earth's crust that allows molten rock, gases, and ash to escape. (1 mark)

3. 3. What is the name for molten rock while it is still trapped deep beneath the surface of the Earth? (1 mark)

4. 4. When a volcano erupts, what is the molten rock called once it spills out onto the surface? A) Magma, B) Steam, C) Lava*, D) Ash (1 mark)

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

6. 6. True or False: Volcanic ash can sometimes travel hundreds of miles through the air after a big eruption. (1 mark)

7. 7. What is the bowl-shaped opening at the very top of a volcano called? (1 mark)

8. 8. Which of these is a famous type of volcano shape? A) Cone*, B) Square, C) Cube, D) Pyramid (1 mark)

9. 9. Where are many of the world's volcanoes found? A) In the middle of forests, B) On the moon, C) Along the edges of rivers, D) Near the boundaries of tectonic plates* (1 mark)

10. 10. What is the name of the massive, moving slabs of rock that make up the Earth's outer shell? (1 mark)

Draw: Draw a cross-section of a volcano. Label the magma chamber, the main vent, and the lava flowing down the side.



Extension challenge: Finn wants to know: If a scientist were studying a volcano, what special equipment might they need to stay safe? Research 'volcanologist safety gear' and list three items.