Finn’s Volcano Explorer: Label the Layers

Learning objective: To identify and understand the key parts of a volcano and how they function.

Finn the dolphin has travelled from the ocean to visit a volcanic island! Help Finn complete his field notes by using the words from the bank to label the parts of the volcano. Write the correct term next to the description of what it does.

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

1. 1. I am the very top part of the volcano, shaped like a bowl. What am I? (1 mark)

2. 2. I am the hot, molten rock that is still hidden deep underground inside the Earth. What am I? (1 mark)

3. 3. I am the tube or pipe in the middle of the volcano that the hot rock travels up through. What am I? (1 mark)

4. 4. I am the hot, molten rock once it has erupted and spilled out onto the Earth's surface. What am I? (1 mark)

5. 5. When a volcano erupts, a giant grey plume of tiny rock particles shoots into the sky. What is this called? (1 mark)

Draw: Draw a cross-section of a volcano. Make sure to draw and label the 'Vent' in the middle, the 'Magma' chamber at the bottom, and the 'Lava' flowing down the side of the mountain.

Extension challenge: Research one famous volcano in the world. Write down its name and the country where it is located. If you were visiting the area, what safety equipment would you pack in your bag?