

Finn's Volcano Explorer: Label the Layers

Learning objective: To identify and name the main parts of a volcano and understand how they work.

Finn the dolphin is exploring a volcanic island! Look at the diagram below. Use the word bank to fill in the labels for the different parts of the volcano. Write the correct word next to the matching arrow.

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

1. 1. The opening at the top of the volcano where smoke comes out is called the _____. (1 mark)
2. 2. The hot liquid rock found deep underground is called _____. (1 mark)
3. 3. Once the hot liquid rock erupts out of the volcano, it is called _____. (1 mark)
4. 4. The pipe or tube that connects the underground rock to the surface is the _____. (1 mark)
5. 5. The grey dust that shoots high into the sky is the _____. (1 mark)

Draw: Draw a large volcano on an island. Show some red lava flowing down the side and a big, fluffy grey ash cloud rising from the top.



Extension challenge: Finn wants to know: what happens to the lava when it cools down and turns into rock? Write one sentence about what you think happens.