

Finn's Island Discovery: All About Volcanoes

Learning objective: To understand that a volcano is a mountain that can erupt and to identify the physical features of a volcanic island.

Help Finn the dolphin explore the volcanic islands in the ocean. Look at the pictures and use the words from the bank to answer the questions.

Finn the dolphin is swimming near a tall, pointy island. He notices that the top of the mountain is glowing bright orange! Inside the mountain, the rock is very hot and runny. When it pushes out of the top, we say it starts to erupt. The runny rock is called lava. Sometimes, a grey cloud of dust called ash floats high into the sky.

Word bank: mountain · lava · erupt · hot · ash

1. Finn says a volcano looks like a very tall shape. What shape is a volcano? (2 marks)

2. When the hot, runny rock comes out of the top of the volcano, what is it called? (2 marks)

3. Is the lava inside the volcano cold or hot? (1 mark)

4. What do we call it when the volcano pushes the lava out into the air? (2 marks)

5. If you saw a volcano, would you stay close to it or swim far away? Why? (2 marks)

Draw: Draw a tall mountain island with orange lava flowing down the sides and grey ash clouds in the sky above the sea where Finn is swimming.



Extension challenge: Imagine you are a scientist like Nova the owl. If you found a new volcanic island, what would you name it and what animals do you think might live there once the ground cools down?