Finn’s Volcanic Voyage

Learning objective: To identify and label the key physical features of a volcano.

Finn the dolphin has been mapping islands in the middle of the ocean. He has found a mountain that is actually a volcano! Look at the diagram of the volcano below. Use the words from the word bank to label the different parts of the volcano correctly. Draw a line from the label to the correct part of the picture.

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

1. 1. Label the opening at the very top of the volcano where the smoke comes out (The Crater). (1 mark)

2. 2. Label the hot, melted rock that is flowing down the side of the volcano (Lava). (1 mark)

3. 3. Label the hot, melted rock that is still inside the volcano (Magma). (1 mark)

4. 4. Label the pipe or tunnel that the magma travels up through (The Vent). (1 mark)

5. 5. Label the grey dust floating high in the sky above the volcano (The Ash Cloud). (1 mark)

6. 6. Why do you think it is safer for Finn to study the volcano from the ocean rather than standing on top of it? (2 marks)

Draw: Draw a large triangle-shaped mountain with a hole at the top. Show bright orange and red colours flowing down the sides to represent the hot lava.

Extension challenge: Imagine you are a scientist like Bea the honeybee. Write one sentence explaining what you would need to wear to stay safe if you were visiting a volcano to collect rock samples.