

Exploring Volcanoes with Nova the Owl

Learning objective: To identify the parts of a volcano and describe how they are formed.

Read each question carefully. Use the word bank to help you spell tricky words. Write your answers in the boxes provided.

Nova the Owl is flying over a tall mountain. Deep under the ground, the rock is very hot and turns into liquid called magma. When the pressure gets too high, it pushes up through a hole. This is called an eruption. Once the hot liquid comes out of the top, we call it lava.

Word bank: Magma · Lava · Crater · Vent · Ash · Mountain · Eruption

1. 1. What do we call the hot, liquid rock when it is still underground? (2 marks)

2. 2. What is the name of the hole at the very top of a volcano? (2 marks)

3. 3. What do we call the hot, liquid rock once it has flowed out of the volcano? (2 marks)

4. 4. Describe what happens during a volcanic eruption. Use two words from the word bank. (4 marks)

5. 5. Why do people choose to live near some volcanoes even though they can be dangerous? (Hint: Think about the soil). (5 marks)

6. 6. Imagine a volcano is erupting. Describe how the mountain changes. Write 3 sentences. (10 marks)

Draw: Draw a volcano. Label the 'Crater', the 'Vent', and the 'Lava' using the labels from your word bank.



Extension challenge: Total: /25. Challenge: Research one famous volcano in the world and write its name here: _____