Volcano Explorer: Fact-File Template

Learning objective: To identify and describe the key features and processes of a volcano, using geographical vocabulary appropriate for Year 6.

Join Finn the dolphin on his latest geography expedition! Use this template to research and record your knowledge about volcanoes. Write in full, clear sentences and ensure you use the correct scientific terminology.

Word bank: Magma · Lava · Tectonic plates · Crater · Vent · Eruption · Dormant · Active · Extinct

1. Location and Formation: Explain where volcanoes are typically found in relation to tectonic plates and describe why they form in these specific areas. (3 marks)

2. Anatomy of a Volcano: Choose three key parts of a volcano (e.g., vent, crater, magma chamber) and define what each one is. (3 marks)

3. The Eruption Process: Describe the difference between magma and lava, and explain what happens during a volcanic eruption. (3 marks)

4. Classification: Explain the difference between an active, a dormant, and an extinct volcano. Give an example of why this classification is important. (3 marks)

5. Human Impact: How can a volcanic eruption affect the local environment and the people living nearby? Consider both positive and negative outcomes. (4 marks)

Extension challenge: Research a famous volcanic eruption from history. Write a short paragraph explaining the date, the location, and one major impact it had on the surrounding landscape.