

Finn's Mountain Expedition Fact-File

Learning objective: To identify and describe the physical characteristics and formation of mountain ranges.

Join Finn the dolphin as he explores the land above the waves! Use your research skills to complete this mountain fact-file. Choose a specific mountain range (e.g., the Andes, the Himalayas, or the Pennines) and investigate its geography. Ensure your descriptions use geographical terminology such as 'summit', 'altitude', and 'tectonic plates'.

Word bank: summit · altitude · range · tectonic plates · glacier · topography · erosion · climate

1. Location and Geography: Identify the continent and country where your chosen mountain range is located. Describe its position in relation to nearby features. (2 marks)

2. Formation Process: Explain why these mountains formed in this location. Consider the movement of the Earth's crust and provide evidence for your explanation. (3 marks)

3. Climatic Conditions: Compare and contrast the temperature and weather patterns found at the base of the mountains versus the summit. Why does this change occur? (3 marks)

4. Human Interaction: Justify why people might choose to live or visit this mountain range. Consider economic, social, or environmental factors. (2 marks)

5. Comparative Analysis: If you were to compare these mountains to a range in the UK, what are the primary similarities and differences in their physical appearance? (3 marks)

6. Hypothetical Scenario: What might happen to the local ecosystem if the average temperature in this region increased by 2 degrees Celsius over the next decade? (4 marks)

Extension challenge: Design a 'Mountain Survival Guide' for a climber. Create a table listing the equipment they would need and explain why each item is essential based on the specific altitude and climate of your chosen mountain range.