

Finn's Mountain Explorer Fact-File

Learning objective: To identify, describe, and understand the physical features and climate zones of mountains using geographical vocabulary.

Join Finn the dolphin as he travels from the deep ocean to the highest mountain peaks! Use this fact-file to conduct your own research on a mountain range of your choice. Fill in each section using your best geographical knowledge.

Word bank: summit · altitude · climate · glacier · range · plateau · vegetation · slope · atmosphere · treeline

1. Mountain Identification: Name your chosen mountain range and explain its geographical location. Which continent is it on? (2 marks)

2. Vertical Zones: Describe the 'treeline'. Why does vegetation change as you move from the base to the summit of a mountain? (3 marks)

3. Climate Comparison: Compare and contrast the weather at the base of the mountain with the weather at the summit. Justify why these differences occur. (4 marks)

4. Human Interaction: Explain why people might choose to live near a mountain range, and describe one potential challenge they may face. (3 marks)

5. The Glacier Effect: What might happen to the local geography if a mountain glacier were to melt due to rising temperatures? (3 marks)

6. Critical Thinking: If you were planning an expedition, which altitude zone would be the most difficult for humans to survive in and why? (3 marks)

Extension challenge: Research a famous mountain peak. Write a persuasive paragraph justifying why it is important for geographers to study how mountain environments change over time. Use at least five words from the word bank in your response.