

Exploring Weather and Climate: A Geographical Report

Learning objective: To understand the difference between weather and climate and explain how they influence the lives of people around the world.

Use this scaffold to structure your geographical report. Refer to your research on different climate zones and ensure you use precise geographical terminology.

Weather is the day-to-day state of the atmosphere in a particular place, whereas climate refers to the average weather patterns observed over a much longer period of time.

Word bank: meteorological · atmospheric · precipitation · prevailing · consequently · nevertheless · in contrast · temperature · latitude · variability

1. Introduction: Define weather and climate. How do these two concepts differ in terms of time and scale? Start by stating... (2 marks)

2. Climate Zones: Describe the characteristics of a chosen climate zone (e.g., tropical, arid, or polar). Focus on... (3 marks)

3. Human Impact: Explain why people choose to settle in certain climates. Consider factors such as... (3 marks)

4. Comparing Regions: Compare and contrast two different climate zones. Justify why one region might be more challenging for agriculture than the other by saying... (4 marks)

5. What might happen if global climate patterns shifted significantly? Discuss the potential consequences for wildlife and human infrastructure by writing... (4 marks)

6. Conclusion: Summarise the importance of monitoring weather patterns. End your report by explaining... (2 marks)

Extension challenge: Imagine you are Nova the owl stargazing from different parts of the world. Write a diary entry from two different climate zones, describing how the weather affects your ability to observe the night sky. Compare the challenges you face in each location.