Exploring Global Climates: A Geographical Report

Learning objective: To write a non-chronological report explaining the characteristics of different climate zones and the impact of climate change.

Use this writing frame to organise your research. Ensure you use technical geographical vocabulary and formal tone throughout your report.

Our planet experiences a diverse range of climate zones, each defined by unique patterns of temperature and precipitation.

Word bank: furthermore · consequently · in addition · predominantly · temperate · atmosphere · greenhouse effect · global warming · sustainably · on the contrary · consequently

1. Introduction: Define what is meant by 'climate' and explain how it differs from 'weather'. Start your paragraph by saying: Climate is often confused with weather; however, they are distinct because... (2 marks)

2. Climate Zones: Describe two contrasting climate zones (e.g., tropical and polar). Start your paragraph by saying: Across the globe, various climate zones exist, such as the tropical zone and the polar zone, which are characterised by... (3 marks)

3. The Greenhouse Effect: Explain the process of the greenhouse effect. Start your paragraph by saying: The greenhouse effect is a natural process that warms the Earth's surface, but human activity has intensified this by... (3 marks)

4. Impacts of Climate Change: Discuss the consequences for the environment. Start your paragraph by saying: The consequences of a changing climate are significant, particularly regarding... (3 marks)

5. Conclusion: Suggest ways to help the environment. Start your paragraph by saying: To mitigate the effects of global warming, individuals and governments must consider... (2 marks)

Extension challenge: Research a specific region affected by rising sea levels and write a short paragraph explaining why this area is particularly vulnerable to climate change.