

Exploring Earth's Incredible Biomes

Learning objective: To describe and explain the characteristics of a chosen biome, using geographical vocabulary to discuss climate, vegetation, and animal adaptations.

Use this writing scaffold to structure your non-chronological report about a biome of your choice. Ensure you use specific geographical terms and explain how the environment shapes the life within it. Use the word bank to help you link your ideas.

A biome is a vast, naturally occurring community of flora and fauna that has evolved to survive in a specific climate.

Word bank: consequently · in contrast · furthermore · due to · adapted to · ecosystem · precipitation · vegetation · significantly · nevertheless

1. Introduction: Name your chosen biome and identify its primary location on Earth. How would you describe the general climate of this region? (2 marks)

2. Physical Features: Describe the landscape and the typical weather patterns. Explain why the amount of precipitation influences the type of vegetation found here. (3 marks)

3. Flora and Fauna: Select one plant and one animal from this biome. Justify how their physical characteristics are adaptations to their environment. (3 marks)

4. Comparison: Compare this biome to a contrasting one (for example, a desert vs. a rainforest). What are the main differences in their biodiversity? (3 marks)

5. Human Impact: What might happen to this biome if global temperatures continue to rise? Explain the potential consequences for the creatures living there. (3 marks)

6. Conclusion: Summarise why this biome is important to the health of our planet. Why should we protect these unique environments? (2 marks)

Extension challenge: Imagine you are an explorer like Finn the dolphin. Write a diary entry describing a day in your chosen biome. Include a detailed justification of why you would or would not choose to live there permanently, considering the environmental challenges.