

Biome Explorer Fact-File: A Journey with Finn the Dolphin

Learning objective: To identify and describe the characteristics of a specific biome, including its climate and unique plant and animal life.

Choose a biome to study (such as a tropical rainforest, desert, or tundra). Use your research skills or knowledge from class to complete each section of this fact-file. Remember to explain how the plants and animals have adapted to survive in their environment.

Word bank: climate · precipitation · adaptation · vegetation · ecosystem · latitude · temperature · habitat · biodiversity

1. Biome Name and Location: Which biome have you chosen? Describe its general location on Earth (e.g., near the Equator or near the poles). (2 marks)

2. Climate Conditions: Describe the typical weather patterns. What are the average temperatures like, and how much rainfall or precipitation does this biome receive annually? (3 marks)

3. Flora (Plant Life): Name two types of plants found here. How have these plants adapted to the specific conditions of this biome? (3 marks)

4. Fauna (Animal Life): Name two animals found here. Explain one special feature or behaviour that helps them survive in this environment. (3 marks)

5. The Human Impact: Why is it important to protect this biome, and what is one challenge it currently faces (e.g., deforestation, climate change)? (2 marks)

Extension challenge: Imagine you are an explorer like Finn the Dolphin. Write a short paragraph from the perspective of an animal living in your chosen biome, describing what a typical day feels like.