

Exploring Global Biomes with Finn the Dolphin

Learning objective: To identify and illustrate the key characteristics of different biomes and understand how climate affects the plants and animals that live there.

Finn the Dolphin has been mapping the world's geography! Use this sheet to draw and label a biome of your choice. Use the word bank to help you identify the unique features of the landscape.

Draw: Create a detailed, A4-sized landscape scene of a specific biome (e.g., Desert, Rainforest, Tundra, or Grassland). Use a scientific illustration style: clear outlines, accurate biological details, and labels pointing to key features like canopy layers, water sources, or specific plant adaptations. Ensure the background reflects the climate (e.g., bright sun for a desert, misty layers for a rainforest).



Label words: Equator · Precipitation · Vegetation · Climate · Adaptation · Canopy · Arid · Temperature

Steps:

1. Identify the biome you have chosen to draw. Explain why the plants in this biome have developed specific adaptations to survive the local climate.
2. Compare and contrast the climate of a tropical rainforest with that of a desert. Justify your answer using the terms 'precipitation' and 'temperature'.
3. Label your drawing to show where the 'vegetation' is densest. Explain why this area might support the

most biodiversity.

4. What might happen to the animals in your chosen biome if the average annual temperature were to increase by 5 degrees Celsius?

5. If you were to travel from the Equator towards the poles, how might the biome change? Provide a geographical reason for this shift.

6. Creative Extension: Write a short, persuasive paragraph from the perspective of an animal living in your biome, explaining to Finn the Dolphin why your home is the most fascinating place on Earth.