

Exploring the World's Biomes with Finn

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

Use your knowledge of geography to answer the questions below. Think about how climate, temperature, and rainfall define each biome.

Finn the dolphin has been mapping the world's geography! While he loves the oceans, he is fascinated by the land biomes that cover our planet. Remember, a biome is a large area of land with a specific climate, soil, plants, and animals.

Word bank: Tropical Rainforest · Desert · Tundra · Grassland · Temperate Forest · Climate · Precipitation · Adaptation

1. Finn is planning a trip to a biome that is extremely cold, has very little vegetation, and stays frozen for most of the year. Which biome is he visiting, and what is one adaptation an animal might need to survive there? (2 marks)

2. Explain the difference between a Tropical Rainforest and a Desert in terms of their annual precipitation (rainfall). (2 marks)

3. Why are plants in the Grassland biome generally shorter than the trees found in a Temperate Forest? (2 marks)

4. If a farmer wanted to grow crops, why might they prefer a Temperate Forest biome over a Tundra biome? (2 marks)

5. Identify one way that human activity can change or damage a natural biome. (1 mark)

Draw: Draw two different biomes side-by-side. Include at least two types of plants or animals in each that show how they have adapted to their specific environment.



Extension challenge: Research a specific endangered animal. Write a short paragraph explaining which biome it lives in and how a change in the local climate might affect its survival.