

Finn's Global Biome Expedition

Learning objective: To identify and describe the characteristics of different biomes around the world, including their climate and vegetation.

Join Finn the dolphin on his world tour! Read the questions carefully and select the best answer. For the true/false questions, write the full word. Good luck, explorer!

Answer Key: 1) C (Tropical Rainforest), 2) True, 3) False (Deserts have very low rainfall), 4) Tundra, 5) False (They lose their leaves), 6) B (Grassland), 7) Equator, 8) True, 9) Adaptation, 10) Desert. Teacher Note: Ensure pupils understand that biomes are large areas with similar climates, plants, and animals.

Word bank: Tropical Rainforest · Desert · Tundra · Grassland · Deciduous Forest · Climate · Vegetation · Equator

1. 1. Which biome is found near the Equator, is very humid, and home to half of the world's plant and animal species? A) Tundra B) Desert C) Tropical Rainforest* D) Grassland (1 mark)

2. 2. True or False: A biome is a large area of the Earth with a specific climate and set of plants and animals. (1 mark)

3. 3. True or False: Deserts are always hot and sandy places that receive heavy rainfall. (1 mark)

4. 4. Which cold, treeless biome is found in the Arctic where the ground stays frozen for most of the year? (1 mark)

5. 5. True or False: Trees in a deciduous forest keep their green leaves all year round, even in winter. (1 mark)

6. 6. Large, open areas covered mostly by tall grasses and very few trees are called: A) Tundra B) Grassland* C) Rainforest D) Polar (1 mark)

7. 7. What is the name of the imaginary line around the middle of the Earth where the climate is generally the warmest? (1 mark)

8. 8. True or False: The climate of a biome affects the type of vegetation that can grow there. (1 mark)

9. 9. Fill in the missing word: A special feature or behaviour that helps a living thing survive in its biome is called an _____. (1 mark)

10. 10. In which biome would you most likely find a cactus, which stores water in its thick stem to survive long periods without rain? (1 mark)

Draw: Draw a split-screen illustration. On the left, draw a Tropical Rainforest with bright colours and dense trees. On the right, draw a Tundra landscape with snow and hardy, low-growing plants. Label at least two animals for each.



Extension challenge: Greater Depth Questions: 1) Compare and contrast the climate of a desert with a tropical rainforest. Explain why plants in these two biomes look so different. 2) What might happen to the animals living in a Tundra if the average temperature increased significantly over many years? Justify your answer using your knowledge of animal adaptations.