

Finn's Rainforest Expedition Quiz

Learning objective: To consolidate knowledge of the geographical features, climate, and layers of tropical rainforests.

Join Finn the dolphin on a land-based adventure through the world's most vibrant ecosystems! Read each question carefully and select or write the most accurate answer. Good luck, explorer!

Answer Key: 1. B (Equator), 2. True, 3. Canopy, 4. C (Emergent), 5. False (It is very humid), 6. Deforestation, 7. A (Biodiversity), 8. True, 9. Understory, 10. Precipitation. Note: Rainforests receive high levels of annual rainfall which sustains the dense vegetation.

Word bank: Canopy · Equator · Understory · Deforestation · Emergent · Photosynthesis · Precipitation · Biodiversity

1. 1. Most of the world's tropical rainforests are located near which imaginary line? A) Prime Meridian B) Equator* C) Tropic of Capricorn D) Arctic Circle (1 mark)

2. 2. True or False: Rainforests are often called the 'lungs of the Earth' because they release oxygen into the atmosphere. (1 mark)

3. 3. Which layer of the rainforest forms a thick roof of leaves and branches that blocks most sunlight from reaching the ground? (1 mark)

4. 4. What is the name of the tallest layer of the rainforest? A) Forest floor B) Understory C) Emergent layer* D) Shrub layer (1 mark)

5. 5. True or False: The climate in a tropical rainforest is usually very dry and cool. (1 mark)

6. 6. What is the term for the large-scale clearing or cutting down of trees in a forest? (1 mark)

7. 7. What word describes the variety of plant and animal life found in a habitat? A) Biodiversity* B) Population C) Extinction D) Ecosystem (1 mark)

8. 8. True or False: Many medicines used around the world are derived from plants found in rainforests. (1 mark)

9. 9. Which layer sits between the forest floor and the canopy, inhabited by creatures like jaguars and tree frogs? (1 mark)

10. 10. Heavy rainfall in the rainforest is scientifically referred to as what? (Hint: Starts with P) (1 mark)

Draw: Draw a cross-section of a rainforest, clearly labelling the four distinct layers: Forest Floor, Understory, Canopy, and Emergent Layer.



Extension challenge: 1. Explain why the soil in a rainforest is often nutrient-poor despite the abundance of lush vegetation. 2. Compare and contrast the climate of a UK woodland with a tropical rainforest. 3. Justify the importance of protecting rainforests for the global climate. 4. What might happen to the local wildlife if the emergent layer trees were removed? 5. If it costs £500 to plant a hectare of new trees, calculate how much it would cost to restore 12 hectares. 6. Research and describe one adaptation a plant might have to survive in the dark forest floor.