

Grade 4 Geography Assessment: Tropical Rainforests

Learning objective: To demonstrate understanding of the climate, layers, and global importance of tropical rainforests.

Read each question carefully. Use your geographical knowledge to provide clear, detailed answers. Ensure your work is written in neat British English.

Finn the dolphin has been traveling up major rivers that flow through the heart of the world's largest rainforests. He has noticed how the dense vegetation creates a unique climate where it is warm and wet all year round. Above him, the trees form thick layers that provide homes for millions of species, many of which are not found anywhere else on Earth.

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

1. Name the imaginary line that circles the middle of the Earth, where most tropical rainforests are located. (1 mark)

2. Explain why tropical rainforests have such high levels of humidity and rainfall throughout the year. (2 marks)

3. List the four layers of the rainforest starting from the forest floor up to the very top. (4 marks)

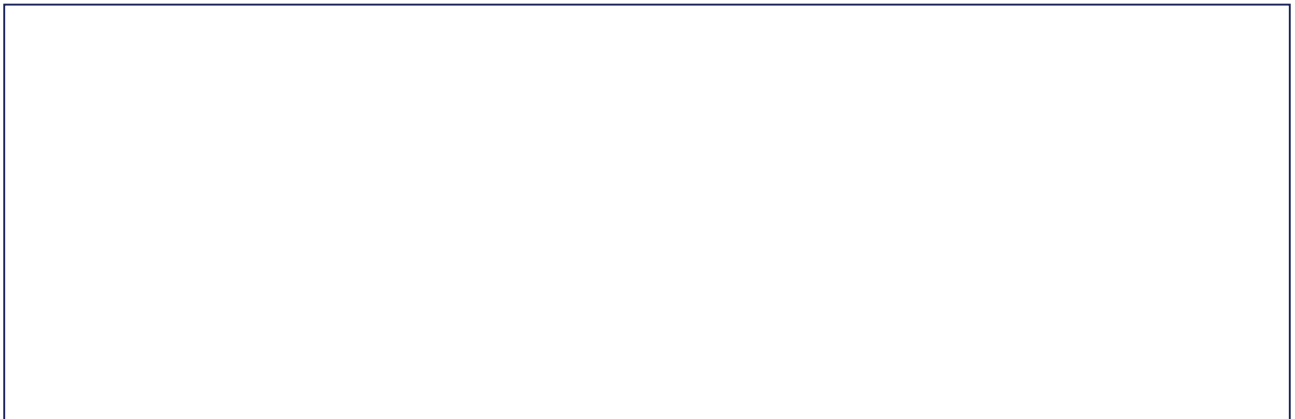
4. Describe one adaptation a plant might have to survive in the dark conditions of the forest floor. (3 marks)

5. What is 'deforestation' and why is it considered a major global environmental concern? (4 marks)

6. Rainforests are often called the 'lungs of the Earth'. Write a paragraph explaining the role rainforests play in the Earth's atmosphere and why protecting them is vital for the future of our planet. (6 marks)

7. Suggest one way in which humans can live sustainably alongside rainforest environments without destroying them. (5 marks)

Draw: Draw and label a cross-section of a rainforest, clearly showing the four distinct layers and one animal that lives in each layer.



Extension challenge: Total: /25