

Name: _____

BBC Green Planet: Tropical World - Plant Adaptations Worksheet

Name: _____

Date: _____

Part 1: Pre-Viewing Questions

Answer these questions before watching the video.

1. What do you already know about tropical rainforests?

2. What challenges do plants in tropical rainforests face in their environment?

Part 2: While Watching

As you watch the video, answer the following questions. Be specific in your observations.

1. Light Adaptations

- What strategies do plants use to capture sunlight in the dense rainforest canopy?

2. Water Adaptations

- How do plants manage heavy rainfall and prevent waterlogging?

3. Nutrient Adaptations

- The soil in rainforests is often poor in nutrients. How do plants adapt to this challenge?

4. Defence Mechanisms

- What methods do tropical plants use to protect themselves from predators like insects and herbivores?

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Part 3: Deeper Analysis

After the video, reflect on the following:

1. Choose one plant adaptation discussed in the video and describe it in detail.

- Plant Name: _____

- Adaptation: _____

- How does this adaptation help the plant survive?

2. How do plant adaptations contribute to the overall biodiversity of the tropical rainforest?

Part 5: Discussion Questions

1. Why is it important to protect tropical rainforests and their plant species?

2. How can understanding plant adaptations inspire human solutions to environmental challenges?

