

Lesson details

Year Group: 10

Subject: Geography

Where I will find my work: In this document

Hyperlinks: see below

Do Now Questions

1. What is an ecosystem?
2. What is a food chain?
3. What is found at the start of a food chain?

Engage

LO: To understand the characteristics of a tropical rainforest

Keywords: emergent, adaptation, equator, distribution, epiphytes

Learn

1. Watch the following class clip, pause it as and when you need to complete the different questions and activities below: [bbc.co.uk/teach/class-clips-video/geography-ks3--gcse-the-wildlife-and-ecosystems-of-rainforests/z664d6f](https://www.bbc.co.uk/teach/class-clips-video/geography-ks3--gcse-the-wildlife-and-ecosystems-of-rainforests/z664d6f)

Rainforest layer		Characteristics
Ground layer		
Shrub layer		
Under canopy		
Main canopy		
Emergent layer		

Apply - After watching the video and filling in the table show your understanding by answering the following questions:

- Where are tropical rainforests found?
- What is the climate like?
- What are epiphytes?
- What is an emergent?
- How are the teak trees adapted to living in the tropical rainforest climate?
- How are the Indian elephants adapted to living in the tropical rainforest climate?
- How do humans use the tropical rainforests?

Choose **one** of the questions below and answer in a developed paragraph:

- *Explain how plants are adapted to survive in the tropical rainforest.*

Explain how animals are adapted to life in the tropical rainforest.

(Use key terms such as *adaptation, canopy, emergent, climate, epiphyte.*)

Review

Answer the following questions:

- Name the five layers of a tropical rainforest
- Describe two characteristics of the **canopy layer**.

- What is an **epiphyte**?
- Where are tropical rainforests located globally?
- Give one example of a plant adaptation and one animal adaptation.