



Topic: Rainforests

Phase: KS2

Strand: Human and Physical Geography (Concept: International Trade and Economic Activity)

What should I already know?

- The seven continents and five oceans.
- The names of some key **rivers** around the world including the Thames and the Nile.
- The main **biomes** and **climate zones** around the world, including rainforests.
- The **climate** of South America and how it differs to the UK.
- Some of the human and physical features of Brazil.
- The **climate** of places is affected by their location (e.g. the **equator**, **Tropics**).
- The effects of **climate change** and **pollution** on the Earth.
- The effect of **deforestation** on the Mayan civilisation.

Geographical Skills and Fieldwork

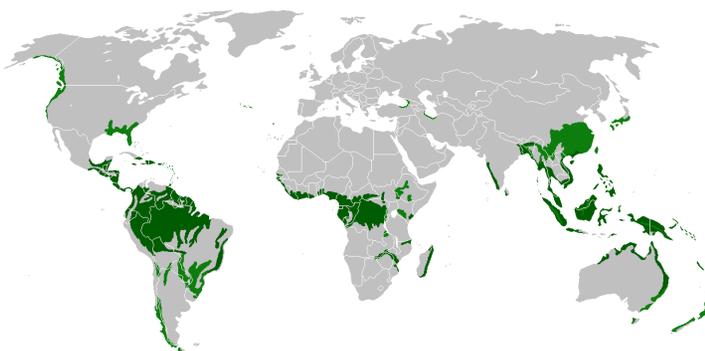
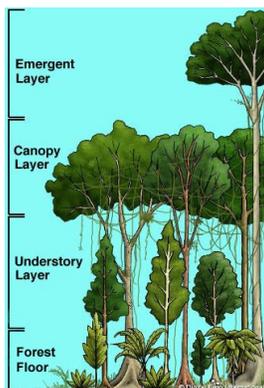
- Use atlases, maps and aerial photographs to find **rainforests** and explain what the **climate** is like there. Explain why **rainforests** cannot be found in the UK.
- Label maps to show where **rainforests** can be located.
- Compare the average rainfall in different **climate zones**, including the **rainforest**, and draw a graph to represent this.
- Compare the sizes of different **rainforests** and represent them in a table.
- Explain how the **vegetation** and animal life changes in the different layers of the **rainforest**.
- Investigate the effects of **climate change** and **pollution** on **rainforests**. Use your knowledge to create a campaign to limit **pollution** and **deforestation**.
- Explain how **deforestation** can impact the Earth.
- Research **trade routes** from the UK, looking at key **exports** and **imports**.
- Investigate the **natural resources**, such as **palm oil**, that can be found in the **rainforest** and the role they play in **trade routes**.
- Describe the **fair trade** process for some products from the **rainforest**.
- Follow a product from the **rainforest** through the **global supply chain**.
- Explain how **sustainability** and the role **rainforests** play.

Vocabulary

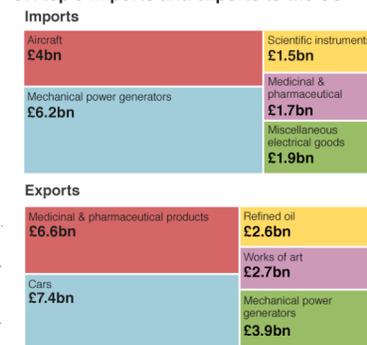
biome	a natural area of vegetation and animals
climate	the general weather conditions that are typical of it
climate change	changes in the earth's climate , especially the gradual rise in temperature, as a result of human activity
climate zone	sections of the Earth that are divided according to the climate . There are three main climate zones ; polar , temperate and tropical .
deforestation	if an area is deforested, all the trees there are cut down
distribution	delivering goods to a number of places
economy	A country's economy is the wealth that it gets from business and industry
equator	an imaginary line around the middle of the Earth at an equal distance from the North Pole and the South Pole.
export	To export products or raw materials means to sell them to another country
import	To import products or raw materials means to buy them from another country for use in your own country
global	something that happens in all parts of the world or affects all parts of the world
natural resources	the land, forests, energy sources and minerals existing naturally in a place that can be used by people
palm oil	a yellow oil which comes from the fruit of certain palm trees and is used in making soap and sometimes as a fat in cooking
pollution	the process of polluting water, air, or land, especially with poisonous chemicals
supply chain	the entire process of making and selling goods, including every stage from the supply of materials and the manufacture of the goods through to their distribution and sale
sustainability	to maintain at a steady level without exhausting natural resources or causing severe environmental damage
trade	the activity of buying, selling, or exchanging goods or services
trade route	a route, often covering long distances, that is used by traders
tropics	parts of the world that lie between two lines of latitude, the Tropic of Cancer, 23½° north of the equator, and the Tropic of Capricorn, 23½° south of the equator. The tropics have a humid climate , where the weather is hot and damp.
vegetation	plants, trees and flowers

Diagrams

Where can rainforests be located?



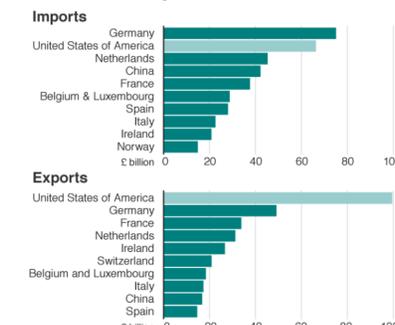
UK top 5 imports and exports to the US



Source: Office for National Statistics

UK top trading partners

Trade of services and goods in 2016



Source: Office for National Statistics

Question 1: Rainforests are generally found near....(tick two)	Start of unit:	End of unit:
the tropics		
the poles		
the equator		
the prime meridian		

Question 2: Which of the following continents does not have a tropical rainforest?	Start of unit:	End of unit:
Africa		
Asia		
South America		
Europe		

Question 3: In rainforests, vegetation is...(tick two)	Start of unit:	End of unit:
uniform		
dense		
sparse		
varied		

Question 4: Deforestation causes... (tick all that apply)	Start of unit:	End of unit:
a disruption in the water cycle		
loss of biodiversity		
flooding		
climate change		

Question 5: Palm oil is an example of a...	Start of unit:	End of unit:
natural resource		
banned product		
distribution		

Question 6: When goods are bought from, sold to and exchanged with other countries, this is called:	Start of unit:	End of unit:
deforestation		
trade		
supply chain		
sustainability		

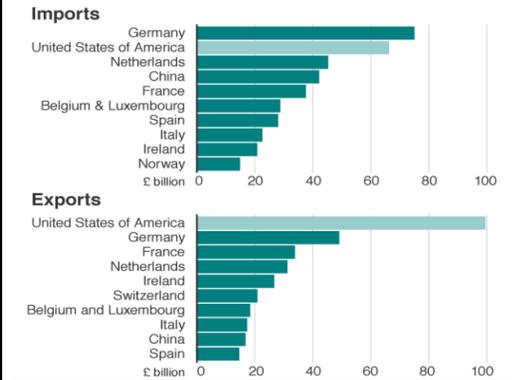
Question 7: The process of making a product to distributing it is called:	Start of unit:	End of unit:
deforestation		
trade		
supply chain		
sustainability		

Question 8: Fairtrade is important because...(tick all that apply)	Start of unit:	End of unit:
it makes sure prices are fair		
ensures local communities are treated fairly		
companies that cause deforestation are treated fairly		
it makes sure that labour wages are fair		

Question 9: Analyse this source. Tick all of the statements which are correct:

UK top trading partners

Trade of services and goods in 2016



Source: Office for National Statistics

	Start of unit:	End of unit:
The UK spends more money on imports from China than from the USA.		
The country that the UK makes the most money from exporting goods to is the USA.		
The UK spends more money on importing goods from Germany than the money it makes from exporting goods to Germany.		
The UK buys approximately £20b worth of goods from Ireland.		

Question 10: Write your own statement about the graph above:	Start of unit:	End of unit: