

Willerby Carr Lane Primary School - Geography

Topic: Rainforests in South America

Year: 6

Strand: Human and Physical Geography

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 places is affected by their location (e.g. the equator, Tropics)
- The effects of climate change and pollution on the Earth

What will I know by the end of the unit?

What are tropical rainforests and what is their climate like?	<ul style="list-style-type: none"> • where rainforests can be located in the world • how the average rainfall differs in different climate zones • explain what the climate is like there. Explain why rainforests cannot be found in the UK.
Describe the life in different layers of the rainforest	<ul style="list-style-type: none"> • how the vegetation and animal life changes in the different layers of the rainforest
How has human activity led to the destruction of the Amazon Rainforest?	<ul style="list-style-type: none"> • the effects of climate change and pollution on rainforests. • how deforestation can impact the Earth • trade routes from the UK, looking at key exports and imports. • how the fair-trade process works for some products from the rainforest • how commercial farming of palm oil is impacting the rainforest

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 tropica
deforestation	if an area is deforested, all the trees there are cut down

Vocabulary

desert	areas that receive an average annual precipitation of less than 250 mm (10 inches).
distribution	delivering goods to a number of places
economy Equator	A country's economy is the wealth that it gets from business and industry
export	To export products or raw materials means to sell them to another country
global	something that happens in all parts of the world or affects all parts of the world
import	To import products or raw materials means to buy them from another country for use in your own country
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
sustainability	to maintain at a steady level without exhausting natural resources or causing severe environmental damage
Taiga	a forest of the cold, subarctic region. The subarctic is an area of the Northern Hemisphere that lies just south of the Arctic Circle.
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.
tundra	an area where the tree growth is hindered by low temperatures and short growing seasons.
vegetation	plants, trees and flowers

Features of Rainforests of South America

Human features	Physical features
<ul style="list-style-type: none"> • Deforestation • pollution • climate change • trade links 	<ul style="list-style-type: none"> • six main biomes • rainforest layers – vegetation and animal life • climates

Geographical Skills and Fieldwork

- Use atlases, globes and aerial photos to locate rainforests and the 6 main biomes
- Graph temperature and rainfall of Hull and the Brazilian Amazon
- Sketch maps to show the sections of Amazon that has been lost due to deforestation
- Research trade routes from the UK looking at key imports and exports

