



Year 3 Geography

Investigating Tropical Rainforests

Things you should already know:

- How to use the compass directions North, South, East & West
- The location of hot & cold areas of the world in relation to the Equator & the North & South Poles

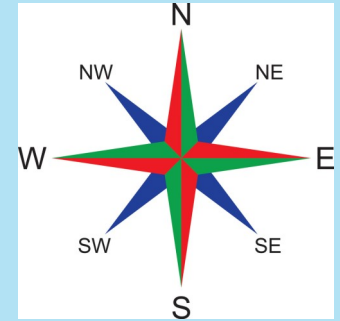
Key Skills:

- Use world maps, globes & atlases to identify the Equator, Tropic of Capricorn & the Tropic of Cancer, continents & countries.
- Describe and understand key aspects of human geography, including types of settlement and land use.
- Use aerial photographs to investigate the physical & human features, land use & threats facing tropical rainforests.

New Learning for Year 3:

- Know what a tropical rainforest is & where they are located.
- Name continents & countries that have areas of rainforest.
- Know the difference between temperate & tropical rainforests.
- Name & describe the four layers of vegetation in a rainforest.
- Identify animals that live in tropical rainforests.
- Understand & describe the climate of a tropical rainforest.
- Compare tropical rainforest climates with climates in other parts of the world.
- Know that there are settlements in the rainforest & describe the way of life of traditional tribespeople.
- Explain how people use the rainforest sustainably to survive.
- Know that rainforests around the world are under threat.
- Describe reasons why tropical rainforests are destroyed & ways they can be protected..

There are two types of rainforests, **tropical** and **temperate**. Tropical rainforests are found closer to the **equator** where it is **warm**. Temperate rainforests are found near the cooler coastal areas further north or south of the equator.



What Can Be Done to Protect the Rainforest?

Use both sides of a piece of paper, and use pencils until they are stubs.	Use ebooks or a library rather than buying new books.
Turn off lights and electrical items when not in use.	Buy Fairtrade fruit, vegetables, chocolate and coffee.






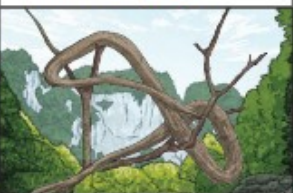


Key Vocabulary

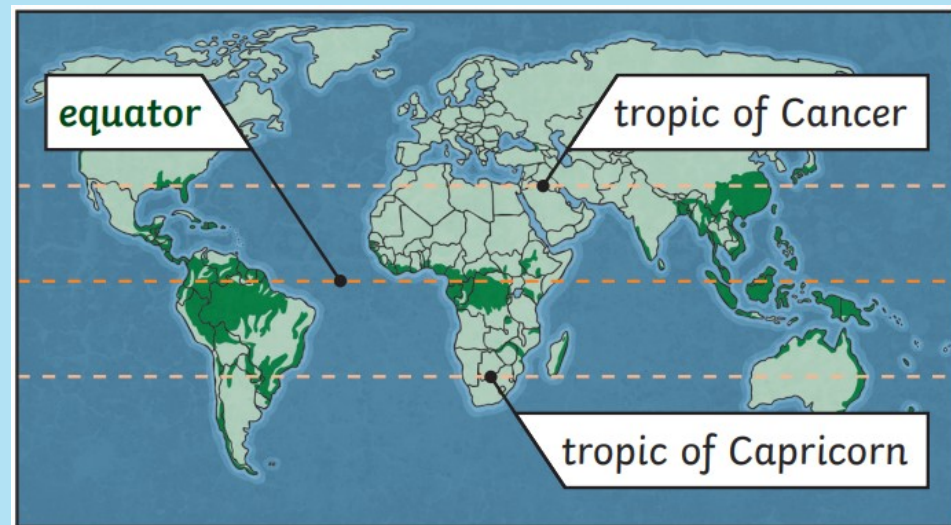
Human geography	Explores the links between people, place and the environment in a specific location
Physical geography	Explores the natural processes that shape the earth's surface
Climate	The average weather over a long period of time
Tropical rainforests	Rainforests that are found close to the equator, where it is warm
Land use	What the land in a particular place is used for
Deforestation	Large areas of forest/trees are cut down
Endangered	A plant or animal species that is at risk of becoming extinct
Settlement	A place where people have built homes to live in
Economy	How much money a country or place has; how its doing making goods to sell
Economic activity	The amount a country sells and makes



Year 3 Geography

Investigating Tropical Rainforests

Emergent Layer	Canopy Layer	Understorey Layer	Forest Floor
			
Trees can be up to 60m tall	Trees form a roof over the plants below	Trees grow to less than 4m tall	Very few plants
Lots of sunlight	Lots of sunlight but also plenty of rain	Very little sunlight	Almost no sunlight
Cold and windy	Lots of food for animals	Warm and humid	Leaves and debris decompose quickly
Birds, bats, monkeys and butterflies	Snakes, toucans and tree frogs	Lots of insects	Gorillas, anteaters, leopards and tigers
			



Deforestation

Trees are cut down:

- to create fields for farming cattle and growing crops,
- to produce timber and wood pulp to make furniture and paper,
- to create space for housing.

Positive Impacts

- Jobs are created in logging and transporting timber and manufacturing products.
- Selling land raises money for local people.

Negative Impacts

- People's homes are destroyed.
- Animals and plants may become extinct through habitat loss.
- Plants that may have been useful could be lost.

Rainforests cover about 6 percent the total surface area of the Earth.

More than half of the world's species of plants and animals are found in the rainforests.

The tropical rainforest is a hot, moist biome where it rains all year long.

Scan this QR code to learn more about rainforest destruction.



Scan this QR code to find out more about tropical rainforests.

