



# The Rainforest - Geography Knowledge Organiser

I can use this key vocabulary and understand what it means.

climate	The average weather conditions over a long period of time.
deforestation	Cutting down and clearing of forests.
equator	An imaginary line running around the centre of the earth.
humid	Feeling very damp due to water vapour in the air.
native tribes	The original settlers of an area.
species	A group of similar animals or plants.
weather	The specific conditions on a given day.

I know that there are four layers to the rainforest. I know the names of the different layers. I can talk about the conditions in each layer.

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

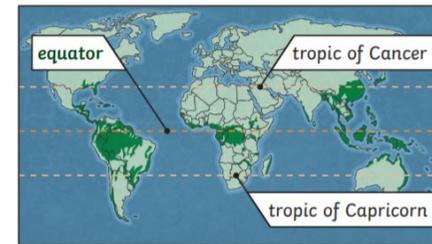
I know the key features of rainforests, including the climate and where in the world they are situated.

## Where in the World?

Rainforests are found near to the equator between the tropic of Cancer and the tropic of Capricorn.

They can be found in every continent except Antarctica.

They are located in countries such as Brazil, India, Peru, Mexico, Australia and Malaysia.



## Climate:

- The climate in the rainforest is the same all year round.
- There is an average rainfall of around 6cm every month.
- It usually rains every day.
- Rainforests are hot and humid.

I know some key facts about The Amazon Rainforest.

## The Amazon Rainforest

• 5.5 million square km (previously covered a much larger area)

• Parts in Brazil, Peru, Colombia, Venezuela, Ecuador, Bolivia, Guyana, Suriname and French Guiana

• 2.5 million insect species

• 40 000+ plant species

• 3 000 edible fruits

• 2 000+ species of birds and mammals



• 2 million tourists per year

• 170 different languages spoken

• 250 000 native tribes currently live there



I know that the rainforests are an important resource for the world.

Rainforests provide oxygen and remove carbon dioxide from the air - This helps to keep the earth stable. Rainforests also provide us with many resources including: medicines, timber, food, fresh water, metals and minerals.

I know what deforestation is and how it impacts.

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.

I know that there are many indigenous tribes that live in the rainforest and that they have lived there for thousands of years.

Tribes such as the Yanomami and Kayapo tribes live from the resources of the rainforest. They are respectful of their environment.



I know that some environmentalists like Greta Thunberg believe we need to act now to save the rainforest.

In 2019 7 Nations - Bolivia, Brazil, Colombia, Ecuador, Guyana, Peru and Suriname signed a pact to protect the rainforests and set up a disaster response and satellite monitoring.