

# Invent, Inspire, Innovate: 'Jungle Fever!'

## Key vocabulary:

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

## Where in the world?

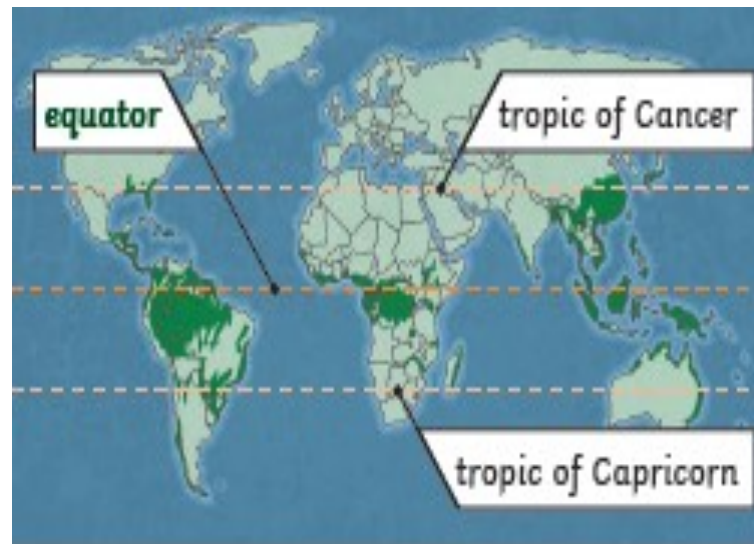
Rainforests are found near to the **equator** between the tropic of Cancer and the tropic of Capricorn.

They can be found in every continent except Antarctica.

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

## The Amazon Rainforest




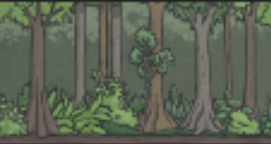




- 5.5 million square km (previously covered a larger area)
- Parts on Brazil, Peru, Columbia, Venezuela, Ecuador, Bolivia, Guyana, Suriname and French Guiana
- 2.5 million insect **species**
- 40,000+ plant **species**
- 3,000 edible fruits
- 2,000+ **species** of birds and mammals
- 2 millions tourists per year
- 170 different languages spoken
- 250 000 **native tribes** currently



## Climate

The **climate** in the rainforest is the same all year round.

- Average rainfall of 6cm each month
- Usually rains every day
- Hot and **humid**

Emergent Layer	Canopy Layer	Understory 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
			

### What can be done to protect the rainforest?

- Use both sides of a piece of paper and use scrap paper to save waste.
- Use ebooks, a library or swap with friends rather than buying new books.
- Turn off lights and electrical items when not in use and try not to leave them on standby.
- Buy Fairtrade fruit, vegetables, chocolate and coffee. You can recognise Fairtrade by looking out for their symbol:



### 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.



- You can also look out for products which are supported by the Rainforest Alliance. Again look out for their symbol:

