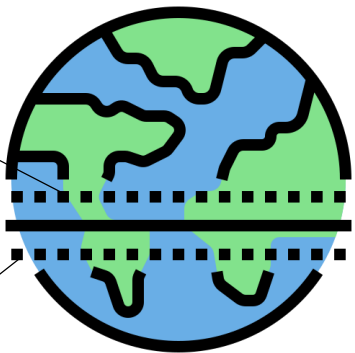


Rainforests & Brazil

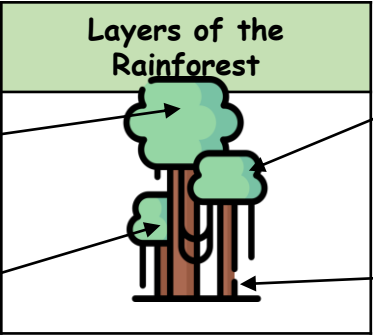
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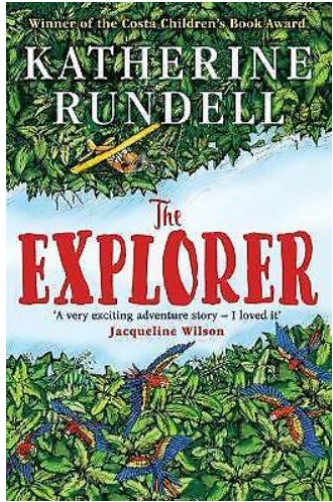
ESSENTIAL RAINFORESTS VOCABULARY	
climate	The average weather conditions over a long period of time
deforestation	The cutting down and clearing of forests.
equator	A 'line' around the earth dividing it into northern and southern hemispheres.
humid	A high amount of water or water vapour in the air.
species	A group of living organisms that can breed with one another.
canopy	A layer of the rainforest made up of overlapping branches and leaves.
understory	The underlying layer of vegetation made up of short trees and shrubs.
emergent	The tops of the trees that poke up above the canopy.
ecosystem	A community or group of living organisms that live in a specific environment.
fertile	Capable of producing vegetation or crops
rainforest	A dense rainforest found in tropical areas with consistent heavy rainfall.
habitat	The natural home or environment of an animal, place or other organism.
oxygen	One of the main elements that make up the air that many living things breathe.
mammal	A warm-blooded animal that has hair/fur, feeds young with milk and gives birth to live young.
amphibian	A cold blooded animal that can live and breathe on land or in water.

Rainforest Locations
Tropical rainforests are located near to the equator between the tropic of Cancer and the topic of Capricorn. They can be found in every continent except Antarctica.
They are found in countries such as Australia, Brazil, India, Peru, Mexico and Malaysia.

Emergent Layer
Trees can grow up to 60m at this layer. There is plenty of sunlight, and it is cold and windy. Birds, bats and monkeys are found here.
Understory Layer
Trees at this layer grow to less than 4m tall. There is very little sunlight, but it is warm and humid. Plenty of insects are found here!



Canopy Layer
Trees at this layer form a type of roof. There is plenty of sunlight, but also lots of rain. Snakes, birds and tree frogs are found here.
Forest Floor
There are very few plants at this layer as there is almost no sunlight. Leaves decompose very quickly. Gorillas, anteaters and leopards are found here.



Henri Rousseau (1844-1910) - was a French post-impressionist painter best known for paintings depicting jungle scenes even though he had never left France!

MAKING LINKS TO PREVIOUS LEARNING

- to locate the world's countries, using maps to focus on Europe, North and South America.
- to identify the position and significance of latitude, longitude, Northern and Southern Hemisphere.



Effects of Deforestation
<ul style="list-style-type: none">Fewer plant and animal speciesLoss of habitats for animalsLoss of sources of medicineSoil erosion which can lead to floodingGlobal warming and rising sea levelsSelling land raises money for local peopleJobs are created in different areas.

The Amazon Rainforest
<ul style="list-style-type: none">Parts are found in 9 different South American countries, including Brazil.Covers 5.5 million square km.2 million tourists every year.2,000 + species of birds and mammals2.5 million insect species40,000+ plant species3,000 edible fruitsWorld's largest rainforestHome to the Amazon riverHome to 250,000 native tribes