

What is happening to the rainforests of the world?

Geographical Concepts

Retrieval

Rights Respecting Schools



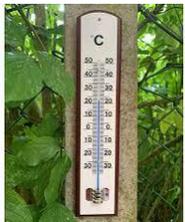
Where?

Key Vocabulary



Rainforest	a tall, dense forest that receives lots of rain every year.
Biome	areas of the planet with a similar climate and landscape, where similar animals and plants live.
Vegetation belt	an area with distinct plant types, determined by climate, soil, drainage and elevation.
deforestation	the clearing, or cutting down, of forests.
Indigenous	people or things belong to the country in which they are found

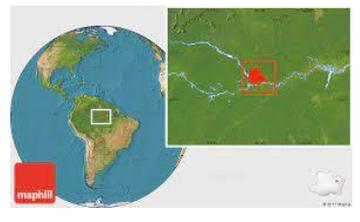
Fieldwork Temperature Study Wirral Vs Manaus



Temperature study



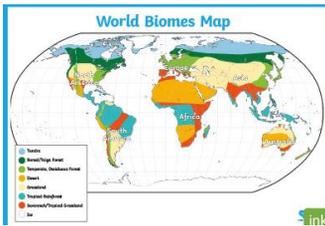
Wirral Vs Manaus



What?

1. **biomes** = large areas which share the same climate,

vegetation belts = large regions which share same/similar plant life due to climate similarities



2. **Amazon Rainforest** – South America (Brazil, Peru, Colombia)

● **Congo Rainforest** – Africa (Cameroon, Central African Republic)

● **Valdivian Rainforest** – South America (Chile, Argentina)

● **Daintree Rainforest** – Oceania (Australia)

● **Southeast Asia Rainforest** – Asia (India, Malaysia)



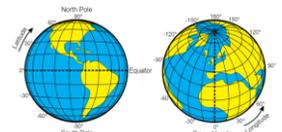
5. Physical land differences including **lowland forest, montane forest, grasslands**

How physical land differences impact the land use – e.g. swamp land cannot be used for farming
Land use used for settlements of some indigenous tribes

Legal and illegal logging used to clear land and generate materials to use and sell for building.
Land is cleared for cattle ranching – farming and claiming ownership of land.



-Know that there are tropics to the north and south of the Equator - the **Tropic of Cancer** to the north and the **Tropic of Capricorn** to the south – and that the **Amazon** rainforest is located in and around the Tropic of Capricorn.



3. The four layers of the rainforest – **emergent** (top layer), **canopy** (forms a 'roof' over the forest and has abundant food sources and wildlife), **understory** (little sunshine, large concentration of insects), **forest floor** (little sunlight, few plants)



-**Deforestation** is the cutting down of trees for timber and to make way for farming- It is threatening many animals and plants with extinction, as well as contributing to climate change; 1/10 of all the world's species of plants and animals; around 1/4 of all modern medicines originated rainforests; there may be many more to be found that won't be due to deforestation



4. The Amazon rainforest is the **largest rainforest** on Earth and provides the habitats for the largest variety of plants and animals on the planet; this variety can also be described as **biodiversity**; part of the reason for this biodiversity is the wet, warm climate that encourages plant growth

