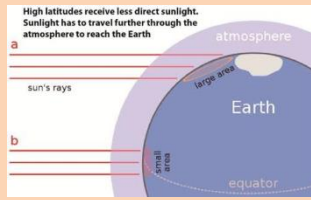




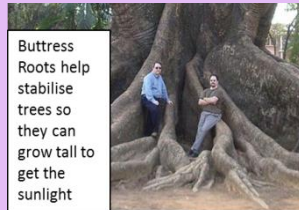
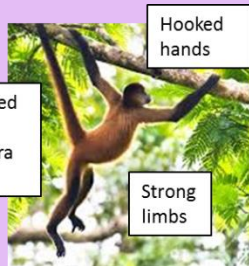
# Year 8 Geography: Tropical Rainforests

## Location & Climate

- The tropical rainforest has high temperatures all year round because at the equator, the sun's rays are concentrated.
- The tropical rainforest receives high levels of precipitation (rainfall) because of convectional rainfall.
- The climate means that vegetation is dense and biodiversity is high.



## Animal Adaptations



## Emergent

Trees reach up to 60m  
Birds, monkeys and butterflies are found here.

## Canopy

Dense (thick) vegetation..  
Trees reach 30-40m. Spider  
Monkeys & Tree frogs.

## Under Canopy

Smaller trees – up to 5m  
10-15% sunlight  
Sloths and jaguars.

## Forest Floor

Less than 5% sunlight = few plants  
Cockroaches, millipedes & tapirs.

The rainforest is important because it provides us with **goods and services**.

Goods - medicines, timber and exotic fruits  
Services - reducing carbon dioxide in the atmosphere & adding oxygen, providing habitats

Forests are under threat from human activity.

1. Slash and Burn Agriculture - trees are cut and the stumps are burnt so crops can be grown.
2. Cattle ranching – forests cleared for cattle to graze for beef production.
3. Logging – trees are cut down so the timber can be sold.
4. Urbanisation – due to population growth, forest areas are cleared to create space for towns and cities.



## Key Vocabulary

Abiotic	Non-living parts of an ecosystem e.g. water, air, soil.
Biodiversity	The variety of plant and animal life in a particular habitat.
Biotic	Living parts of an ecosystem e.g. plants, animals, bacteria.
Conservation	Looking after an environment or protecting an area such as the rainforest.
Deforestation	The removal of trees from a forested area.
Ecosystem	A community of living organisms in a non-living environment.
Food Chain	A way of showing what is eaten by what in an ecosystem.
Food Web	Is made up of many food chains.
Habitat	The place where an animal or plant lives.
Photosynthesis	The process by which plants make their own food.

