

**Subject: Geography**  
**Year: 8**  
**Term: 2a**  
**Topic: Climate change**

**Lesson Sequence**

1. Rainforest physical
2. Rainforest human
3. Tribe case study
4. Sahara physical
5. Life in the Sahara
6. The Maasai
7. Polar physical
8. People in polar regions
9. Revision for assessment
10. Assessment
11. Re-teach

**Key Assessments**  
**KA3: questions about each extreme environment**

**Text to help: BBC bitesize**

**Key Words:**

Equator: Line of latitude at 0 degrees

Tropic of Cancer: Line of latitude at 23.5 degrees north of the equator

Tropic of Capricorn: Line of latitude at 23.5 degrees south of the equator

Emergents: Top layer of the rainforest – only the strongest and tallest plants reach this level

Canopy layer: second layer of the rainforest, rich in fruit seeds and animal life

Under canopy layer: second level up, with limited sunlight

Shrub layer: It is dark and gloomy with very little vegetation between the trees. During heavy rainfalls this area can flood

Cattle rancher: someone who farms cattle, such as cows.

Loggers: someone who chops down trees to sell the wood

Deforestation: the process of cutting down the forest

Arid: a dry area

Vegetation: plants grown

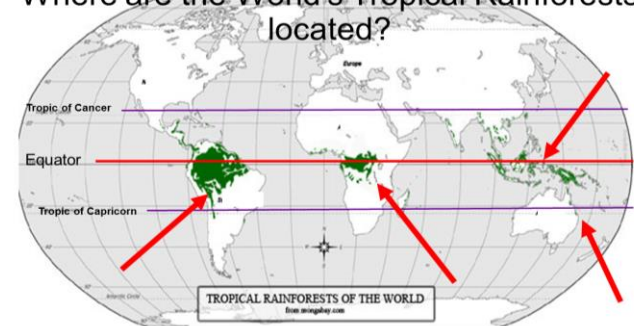
Nomad: someone who travels around with their animals

Drought: a long period of no/little rainfall

Flora: plant life

Fauna: animal life

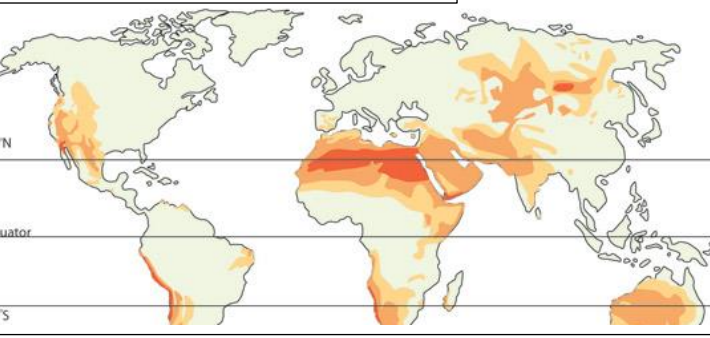
**Where are the World's Tropical Rainforests located?**



**Location of the Polar Regions**



**Location of the world's deserts**



**Layers**

