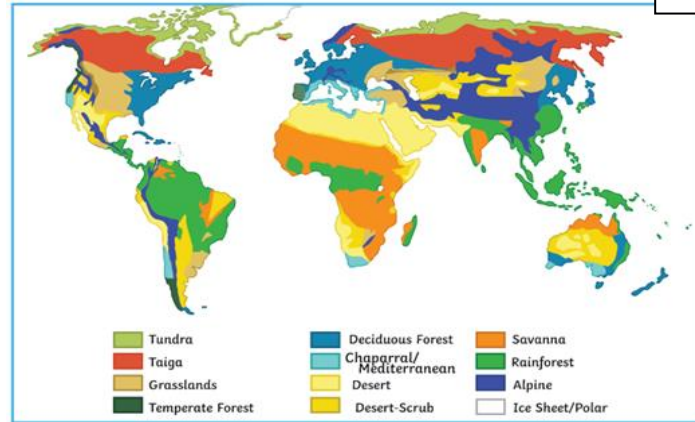


## South America: Brazil and the Amazon Rainforest

### Big Question: Do our rainforests need saving?



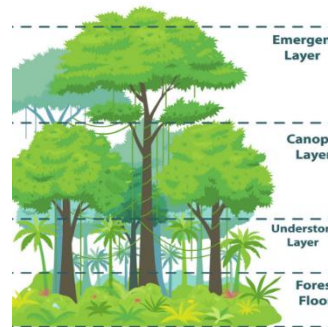
World Biomes



#### Deforestation

Rainforests only cover 6% of the Earth's surface but they are home to 50% of the Earth's plant and animal **species**. Currently, every minute, an area the size of a football pitch is cut down. Rainforests are being permanently cleared for cattle grazing and to grow crops such as palm oil and palm sugar. The effects of deforestation include: **Soil erosion, droughts, habitat loss, lack of biodiversity and climate change.**

#### RAINFOREST LAYERS



#### Vocabulary

		Vocabulary
1	<b>Equator</b>	The imaginary line around the Earth that divides it into equal north and south parts.
2	<b>latitude</b>	The distance of a place north or south of the Equator measures in degrees.
3	<b>longitude</b>	The distance of a place East or West of an imaginary line measured in degrees.
4	<b>Tropic of Cancer</b>	Imaginary latitude line located above the equator Northern edge of the tropics.
5	<b>Tropic of Capricorn</b>	Imaginary latitude line located below the equator Southern edge of the tropics.
6	<b>continent</b>	One of the 7 large landmasses of the Earth.
7	<b>climate</b>	The weather conditions that an area usually has.
8	<b>biome</b>	A region of the Earth's surface and the combination of climate, plants and animals found in it.
9	<b>vegetation belt</b>	The plant life within a <b>biome</b>
10	<b>Amazon</b>	World's largest rainforest and home to 30 million people and 1 in 10 known species on earth.
11	<b>climate zone</b>	Areas of the world with specific patterns of weather.
12	<b>urban</b>	In a city or town.
13	<b>rural</b>	In the countryside.
14	<b>migration</b>	The process of people travelling to a new place to live.
15	<b>urbanisation</b>	When people living in rural areas move to urban areas.
16	<b>indigenous</b>	The people who originally lived in a place.
17	<b>biodiversity</b>	The numbers and types of plants and animals that live in a particular area or in the world generally.
18	<b>push factor</b>	The reasons a person moves <b>away</b> from an area.
19	<b>pull factor</b>	The reasons why a person moves <b>to</b> a particular area.
20	<b>deforestation</b>	The action of clearing a wide area of trees
21	<b>sustainability</b>	The quality of causing little or no damage to the environment and therefore being able to continue for a long time.
22	<b>Subsistence farming</b>	Native families use ' <b>slash and burn</b> ' to clear small sections of rainforest for grazing cattle. It's small scale and the forest can regenerate but the more people do it, the harder it is for the rainforest to recover.
23	<b>Commercial farming</b>	Farming that happens on a large scale, led by big companies. The rainforest is permanently cleared for cattle grazing and growing crops.

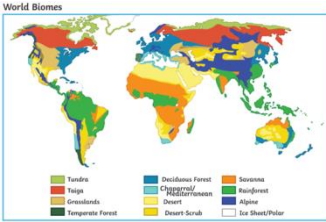

#### Physical features of South America

<p><b>Andes</b></p>	<p><b>Guiana Highlands</b></p>	<p><b>Brazilian Highlands</b></p>	<p><b>Atacama Desert</b></p>
<p><b>Lake Titicaca</b></p>	<p><b>Amazon River</b></p>	<p><b>Paraguay River</b></p>	<p><b>Amazon Rainforest</b></p>

### Sticky facts

Sticky Facts					
1. There are 6 major biomes across the world – Tundra, taiga, temperate deciduous forest, desert, grassland, tropical rainforest	2. The Amazon rainforest is the world's largest rainforest, inhabited by a diverse range of plants and animals, as well as humans	3. Migration is when people move from one place to live in another place. They might be 'pushed' to leave a place, or 'pulled' to somewhere else.	4. The native people of the Amazon use the natural resources and make a living from using the resources in a sustainable way.	5. Deforestation is when forests are destroyed by cutting trees (logging) to use the land for other purposes, or to use the wood.	6. Deforestation is not sustainable - having a negative impact on our world, leading to climate change.

These are the sticky facts from 2022. Next year, create a template on a separate sheet (see below) . A sticky fact per lesson with an accompanying image would be good. Eg

1. <b>GQ: What are the features of the Earth's main biomes?</b>	2. <b>GQ: Where in the world are rainforests found?</b>				
					
There are 6 major biomes across the world – Tundra, taiga, temperate deciduous forest, desert, grassland, tropical rainforest					

