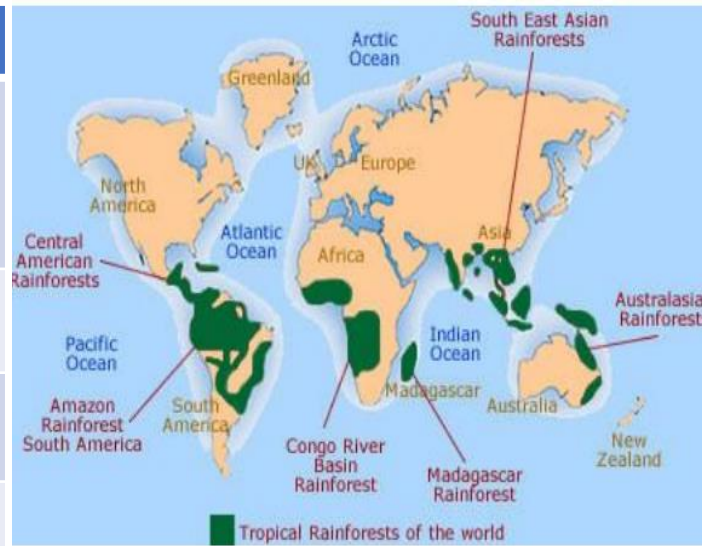


The Amazon Rainforest Knowledge Organiser

Key Vocabulary

Canopy	Tall trees that with large leaves and thick branches that create a roof to the rainforest, preventing sunlight reaching the smaller plants.
Climate	The average weather conditions over a long period of time.
Deforestation	Widespread clearing of trees, often to make way for plantations and buildings.
Emergent layer	Tall trees that stand out above the canopy. Only the strongest trees are emergent as they have competed for the sunlight.
Forest floor	It is dark due to the taller trees blocking out the sun so organisms decay quickly.
Humid	Feeling very damp due to water vapour in the air.
Lianas	Woody climbing plants that hang from trees.
Precipitation	Water falling from clouds (e.g. rainfall, snow, hail).
Prime Meridian	The line of 0° longitude, the starting point for measuring distance both east and west around Earth.
Tropical	Somewhere that is warm all year round, but which has rainy seasons.



Prior Knowledge

1	Y3 Flow	The Amazon river is a famous river that is significant to the settlement and wildlife of the rainforest.
2	Y4 Blue Abyss	Humans impact the health of our planet in many ways. Pollution and deforestation impact nature globally.
3	Y4 Blue Abyss	Charities such as CAFOD and Rainforest Alliance work to protect the environment and we are encouraged to do the same in Laudato Si.
4	Y5 London to Rio	The Amazon rainforest is in Brazil which is in South America.
5	Y5 London to Rio	A biome is an area of the planet with a similar climate and landscape, where similar animals and plants live. Brazil is on the Southern Hemisphere which means its seasons are opposite to England in the Northern Hemisphere.
6	Y5 London to Rio	

Key Information

1	The Amazon rainforest is the largest tropical rainforest in the world. It is found in the continent of South America and spreads across nine countries.
2	The Rainforest is divided into four layers: Undergrowth, Understorey, Canopy and Emergent Layer.
3	The Amazon Rainforest is an example of a tropical rainforest biome where it has a specific wet weather system all year round.
4	Biomes are large areas, or ecosystems, of the earth that have similar weather, climates, landscapes, animals and plants. Some of the worlds biomes are: desert, forest, grassland, Mediterranean Mountain, Polar, Tundra.
5	The Amazon rainforest has a forest vegetation belt which means that it has plants and animals specific to this type of biome.
6	Deforestation is the purposeful clearing of forested land. Throughout history forests have been razed by humans to make space for agriculture, grazing and construction.
7	Products such as beef, palm oil, cocoa, coffee and timber are all products produced as a result of deforestation.
8	Charities such as the WWF, Rainforest Alliance and Cool Earth work to support and tackle the impacts of deforestation.
9	The second largest river in the world, the Amazon, runs through the Amazon rainforest. It is 4,345 miles (7000km) long.
10	The world's rainforests are found on the equator, where it is humid, there is lots of rain and the sunlight is directly overhead.