

My Know And Remember More card about How can we save our biomes?

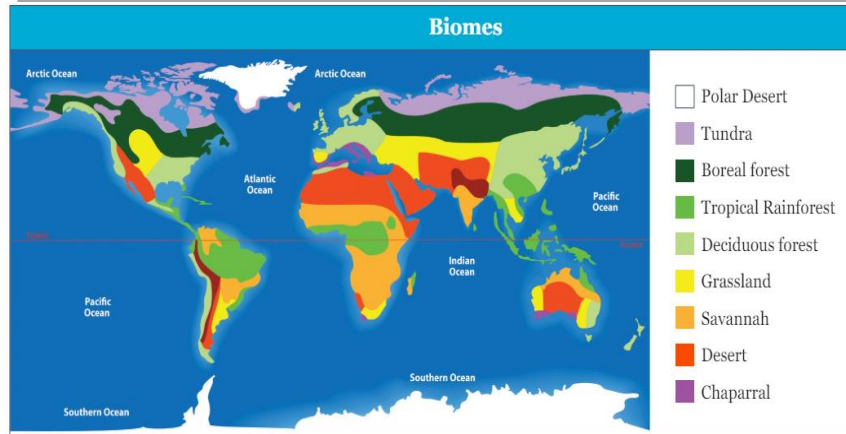
Key facts to remember

1. The prime meridian separates the eastern hemisphere from the western hemisphere. It is also used as the basis for the world's time zones. Vertical lines called meridians split the Earth into 24 different time zones. Each time zone is a number of hours ahead or behind London, at the Prime Meridian.
2. Climate zones are usually found in more than one continent; and continents of Europe, North America and South America have several climate zones Some climate zones (e.g. temperate) usually have a much higher population density than others.
3. Biomes are areas of the world that, because of similar climates, have similar landscapes, animals and plants: tundra, tropical rainforests, coral reefs, temperate forests and hot deserts.
4. Adaption occurs in both plants and animals e.g. tundra (Arctic hare, polar bear) hot desert (cactus, camel, Saharan silver ant, cape ground squirrel) temperate forest (deciduous and coniferous trees with thick bark, red squirrels, hedgehogs, and southern wood ants) coral reefs (soft coral, pistol shrimp & goby fish, octopus & grouper)
5. Global warming relates to an increase in Earth's temperature only; it causes climate change which relates to a broader set of changes. Global warming and climate change both happen naturally but both have been accelerated by human activity.

Vocabulary

Time Zones	Time zones are divided by imaginary lines called meridians. They run from the North Pole to the South Pole. There are 24 time zones. One for each hour of the day.
Ecosystem	An ecosystem is a system of plants and animals which are interconnected and working together.
Adaptation	Adaptation is the act of changing something or changing your behavior to make it suitable for a new purpose or situation. Most living creatures are capable of adaptation when compelled to do so.
Climate change	Refers to the long-term changes in global temperatures and other characteristics of the atmosphere.
Climatic Region	Climatic region refers to a continuous geographic area in which similar climate characteristics are observed
Chaparral	(biome) Hot and dry like a desert, but has more rain and therefore more plants and animals

My memory jogger



Prior Learning

Building on prior work of climate zones in Y3 and the study of biomes in mountainous regions in Y5.

Future Learning

Study of sustainability and deforestation and climate change in the Amazon Basin in Summer Term of Y6.