

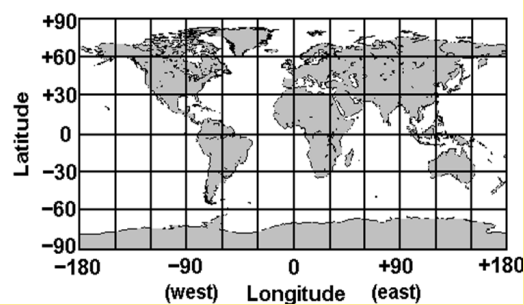
Geography- What and where are the world's major biomes and what impacts on them?

Vocabulary	Definition
Biomes	Areas of our planet with similar climates, landscapes, animals and plants
Climate	Average weather in a place over a long period of time (temperature, rainfall, wind).
Equator	Imaginary line across the centre of Earth which divides it into two equal parts: the Northern Hemisphere and the Southern Hemisphere.
Tropics	North and south of the equator. Hottest places on Earth.
Longitude	Distance west or east from Prime Meridian. (across)
Latitude	Distance north or south from the Equator. (up or down)

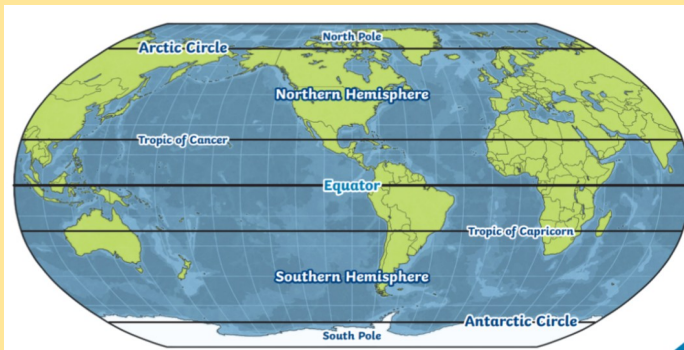
Longitude and latitude

Imaginary coordinates

We can use longitude and latitude to locate different areas on Earth



Equator and Tropics



Climate zones and biomes

Climate zones

Polar- cold and dry



Temperate- warm summers, cool winters



Mediterranean- hot summers, mild winters



Desert- hot and dry



Tropical/Equatorial- hot and humid



Biomes

Desert- hot and dry, plants and animals adapt to heat.



Tundra- cold and dry, plants and animals adapt to harsh conditions.



Rainforest- biggest diversity of plants and animals in the world.



Aquatic- marine and freshwater, biggest biome. Home to lots of



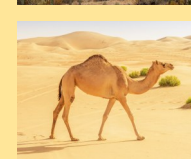
How does climate affect what lives and grows in a biome?

- Different plants and animals are found in different biomes due to their climate
- Plants and animals can adapt to the climate in their biome.

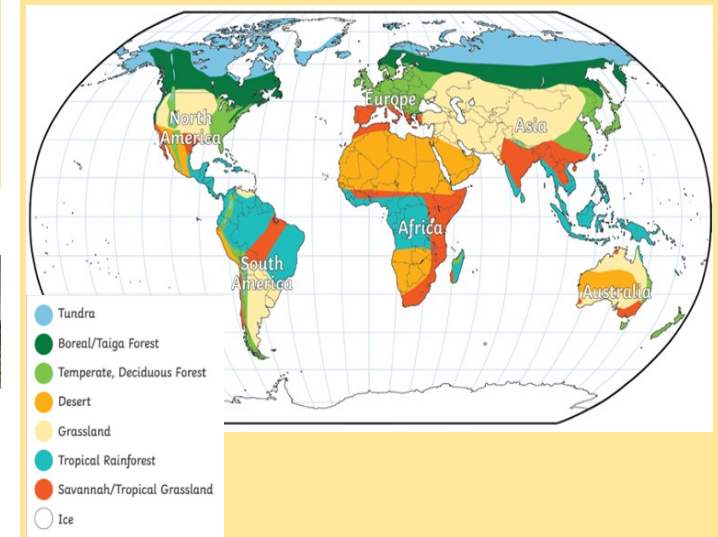
Tundra



Desert



Location of major biomes of the world



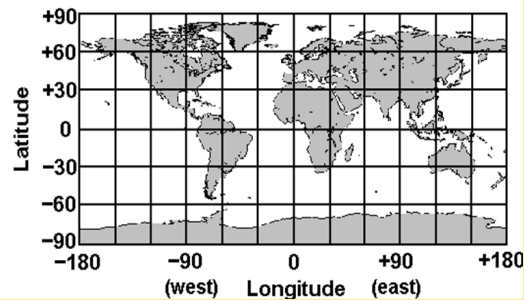
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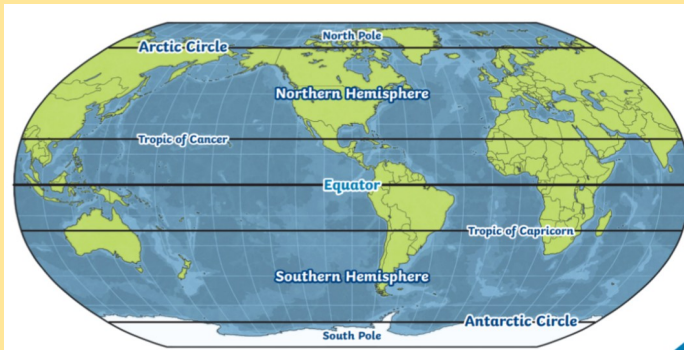
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Biomes

Desert- hot and dry, plants and animals adapt to heat.



Deciduous Forest- four seasons, trees lose leaves in winter



Tundra- cold and dry, plants and animals adapt to harsh conditions.



Rainforest- biggest diversity of plants and animals in the world. Hot, humid, rainy.



Aquatic- marine and freshwater, biggest biome. Home to lots of plants and animals



Savannah- wet summers and dry winters, low growing plants



Grassland- hot summers, cold winters, grassy plain



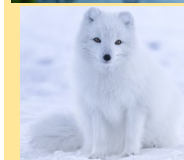
Taiga (Boreal) Forest- coldest forest biome, mainly coniferous trees



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Location of major biomes of the world

