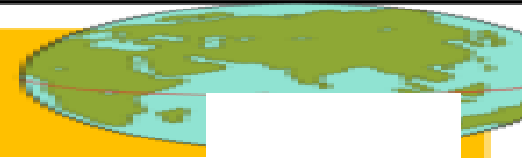


What you should already know



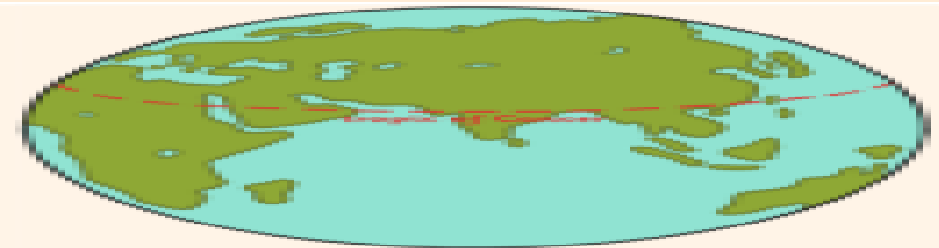
Deserts of the world

The **equator** is an imaginary line that divides the Earth in half. The equator is an equal distance between the North and South Poles.

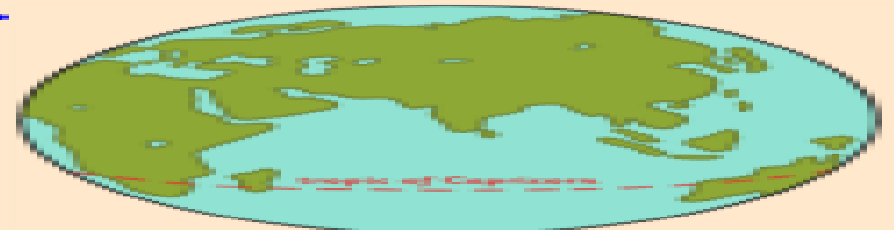
The weather on the equator is hot all year round.

The **tropics** are the only part of the earth where the sun shines directly downwards

The **tropic of Cancer** is an imaginary line in the northern hemisphere.

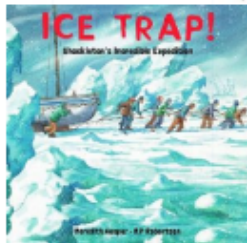


The **tropic of Capricorn** is an imaginary line in the southern hemisphere.



Biomes are areas of our planet with similar climates, landscapes, animals and plants. What lives in each biome depends on:
how **warm or cold** it is
how **dry or wet** it is
how **fertile** the soil is

Reading Recommendations



Key Vocabulary

Antarctica	Earth's southernmost continent. It contains the geographic South Pole and is situated in the Antarctic region of the Southern Hemisphere.	Pollution	Act of making something dirty or harmful by adding waste material.
Arctic	An area made up of the regions around the North Pole and is situated in the Northern Hemisphere.	Whaling	The business or work of hunting and killing whales and selling their parts.
Axis	A real or imaginary line through the centre of an object, around which the object turns.	Topography	The shape of the earth's surface across an area or region.
Time zone	A range of longitudes where a common standard time is used.	Latitude	The distance between the equator and a point north or south on the earth's surface. This distance is measured in degrees.
Climate change	A change in global and regional climate patterns because of an increase in atmospheric carbon dioxide from the burning of fossil fuels.	Longitude	The distance on the earth's surface east or west of an imaginary line on the globe that goes from the north pole to the south pole and passes through Greenwich, England. Longitude is usually measured in degrees.
Hemisphere	A half of the earth, usually as divided into northern and southern halves by the equator, or into western and eastern halves by an imaginary line passing through the poles.		
Biome	A large community of plants and animals that have common characteristics for the environment they exist in.		
Adaptation	The process of change by which an organism or species becomes better suited to its environment.		
North/South Pole	The northernmost and southernmost points on Earth which are where the Earth's axis meets the Earth's surface.		

