

Knowledge Bank: Year 6 Geography

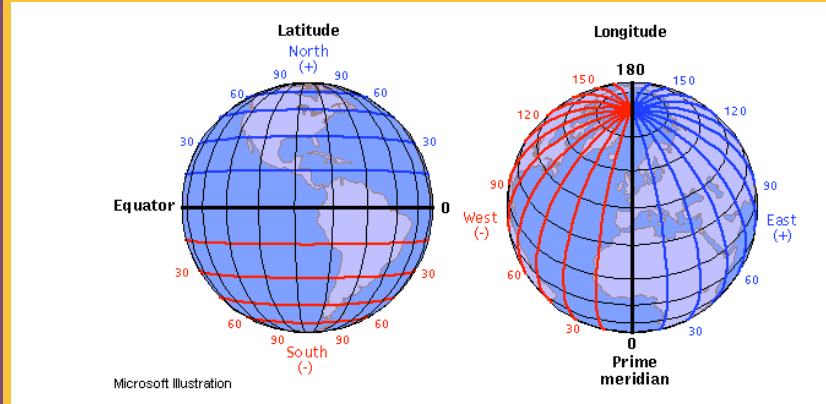
Frozen Kingdoms

Why and how does the climate of places vary?
How does that impact people and places?

Key Vocabulary:

biome	A large region of Earth that has a certain climate and certain type of living things.
tundra	A treeless area of land with a permanently frozen layer.
longitude	Imaginary line running from the north pole to the south pole. Measured in degrees to give a location on the globe.
latitude	Imaginary line running around the globe, east to west. Measured in degrees to give a location on the globe.
climate	The average measurement of temperature, wind, humidity, snow and rain in an area over 30 years.
climate zone	Areas of the world with the same climate.
weather	Temperature and conditions at a certain time and place.
Arctic circle	66.5 degrees north latitude. Marks the boundary of the Arctic.
Antarctic circle	66 degrees south latitude. From here to the south pole is Antarctica.
Prime Meridian	A line of longitude which is 0 degrees. Passes through Greenwich in London.
Time zones	An area of the world between different lines of longitude where the time is the same.

Longitude and latitude map:



Biome map:



Key Facts:

Biomes are found grouped together across lines of latitude on a map.
There are five main biomes, which are sometimes divided into smaller groups.
The climate of a country is determined by its latitude.
The time in a country is determined by its longitude.
The arctic is in the North and the Antarctic is in the South.
People live permanently in the arctic but not the Antarctic because of the harsh conditions.
The tundra is threatened by climate change. The rise in global climate means that ice is melting and animals and vegetation cannot adapt to survive fast enough.
The tundra is the harshest biome in the world due to its position relative to the equator. It is very challenging for animals, vegetation and humans to live there.