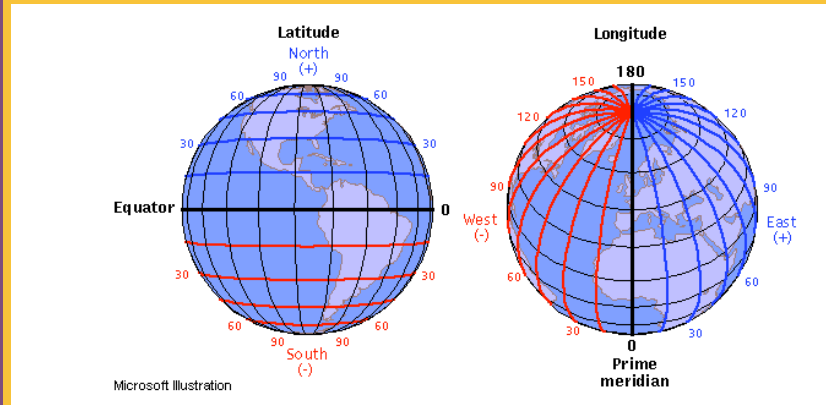


What makes survival so challenging in the tundra biome?

### 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. Measured in degrees to give a location on the globe.
climate	The average measurement of temperature, wind, humidity, snow and rain. Different to weather as it is measured over a long time.
permafrost	A permanently frozen layer of soil below surface-level.
indigenous	People that a native to a particular place who can survive there.

### 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 longitude and latitude.
- 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.