

Frozen Kingdom - Year 6 - Term 1



Who lives in the Polar regions?

The World:

Everything north of the **equator** (including the **Tropic of Cancer**) is in the **northern hemisphere**.

Everything south of the **equator** (including the **Tropic of Capricorn**) is in the **southern hemisphere**.

Time Zones:

Greenwich Mean Time (GMT) is the time set from Greenwich, London at the **Royal Observatory**.

Countries across the world are either ahead of GMT (eg. GMT+1) or behind GMT (eg. GMT-3)

Biomes:

The world is divided into different **biomes** according to the **climate**. A biome can span countries and continents.

The **Arctic** is classified as a **tundra**. The **Antarctic** is a **polar desert**.

Plants and Animals:

Plants and animals in polar regions have **adapted** to ensure that they survive in the harsh conditions.

Polar bears are only found in the **Arctic** whilst **penguins** are only found in the **Antarctic**.

The Arctic:

The **Inuits** are **indigenous** to the **Arctic Circle**. The Arctic is not a continent but made up of several countries including: Norway, Sweden, Canada. One of the largest Inuit communities is in **Nunavik, Canada**.

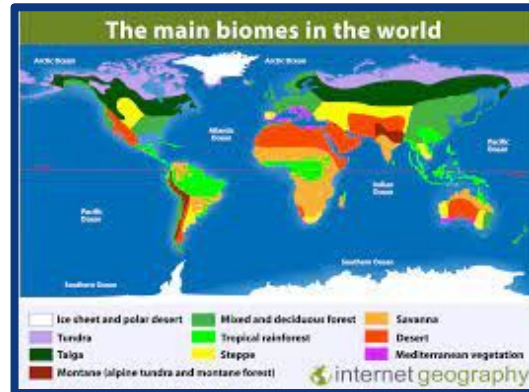
The Antarctic:

There are no permanent residents in the Antarctic because conditions are too harsh. Antarctica is governed by the **Antarctic Treaty**. Scientists live in stations, the most renowned UK station is Halley VI

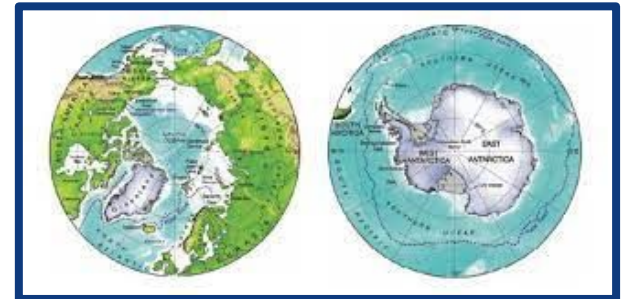
What do you already know?



- The 7 continents: North America, South America, Antarctica, Europe, Asia, Africa, Oceania.
- The 5 oceans: Pacific, Atlantic, Southern, Arctic and Indian.
- Where is: the equator, North Pole and South Pole, tropics and meridian line on a globe?



The Polar Regions



Vocabulary



Antarctic	The South Polar region.
Arctic	The regions around the North Pole.
Climate Change	The long-term shift in average weather patterns across the world.
Expedition	A journey undertaken by a group of people with a particular purpose, especially that of exploration, research, or war.
GMT	Greenwich Mean Time.
Ice floe	A sheet of floating ice.
Ice shelf	An ice shelf is a large floating platform of ice that forms where a glacier or ice sheet flows down to a coastline and onto the ocean surface.
Indigenous	Existing in a land from the earliest times or from before the arrival of colonists.
Inuit	A member of an indigenous people of Northern Canada and parts of Greenland and Alaska.
Polar	Relating to the North or South Pole.
Polar Desert	Extreme low temperatures and scarce rainfall constitutes a polar desert and inhibits plant life.
Tundra	A treeless plain especially of Arctic regions, having a permanently frozen layer below the surface soil and plant life made up mostly of mosses, lichens, herbs, and very small shrubs.

Countries in the Arctic Circle.

