

# Y6: 'Frozen Kingdoms' knowledge organiser



The **Arctic** is a polar region located at the northernmost part of Earth. It consists of the Arctic ocean and the northern parts of Canada, Alaska, Russia, Finland, Sweden, Norway, Greenland and Iceland. Polar bears live here.

**Antarctica** is the world's 5th largest continent and is covered in an ice sheet. It is the southernmost region of Earth, and it is the coldest, driest, windiest and highest continent on the planet. Penguins live here.



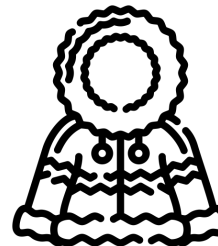
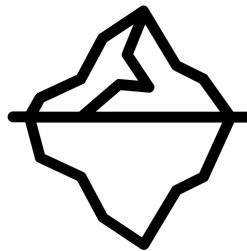
**Tundra** is an area of land where it is too cold for trees to grow, and the ground below the surface is permanently frozen.

A **glacier** is a slowly moving mass or river of ice.



**Boreal forests** are found in countries that are in or near the Arctic circle. They are a large area of wetland covered with conifer trees. Boreal forests are at risk of **deforestation**, where humans clear the forest.

The RMS Titanic was famously sunk when it collided with an **iceberg**, a large floating mass of ice carried out to sea, during its journey from Southampton to New York in 1912. Around 1,500 people were killed.



The Arctic circle is populated by many **indigenous** people—people who are originally from a particular place. They have adapted their way of living to harsh, cold environments.



At certain times of the year, the Arctic and Antarctic have a **polar day** (also called the mid-night sun), where the sun is over the horizon for more than 24 hours.

They also have a **polar night** where night lasts for more than 24 hours.

**Climate Change**, including the long-term heating of the Earth, is putting the polar regions at risk and endangering many species of animals. **Conservationists** are people who act for the protection of the environment and wildlife and are working to prevent this.

