

Perishing Poles - UKS2

How do animals and humans survive the extremes of Polar life?

Recommended reads:

<https://www.booksfortopics.com/booklists/topics/geography/frozen-worlds/>

Sticky Knowledge

The Arctic is found in the Northern Hemisphere and includes parts of several countries: Canada, Alaska, Russia, Finland, Sweden, Norway, Greenland and Iceland along with the Arctic Ocean.

The Antarctic is found in the Southern Hemisphere and is the world's fifth largest continent. It is the coldest, driest, highest and windiest continent on Earth.

The Antarctic is covered in an ice sheet that is up to 4.8km thick. Temperatures can reach -89 °C.

Home Learning: Create a news report, written, filmed or voice over, about a famous Arctic explorer, such as those mentioned here:

The Arctic has temperatures that can reach -68 °C in the winter months. Despite this, it is home to a small population of people (Inuits) alongside an amazing variety of plants and animals, including the polar bear, the arctic fox, and the walrus.

The Antarctic has no people that there live permanently and only has two native kinds of flowering plants, but it has a rich sea life. Animals there include the emperor penguin, humpback whale and leopard seal.



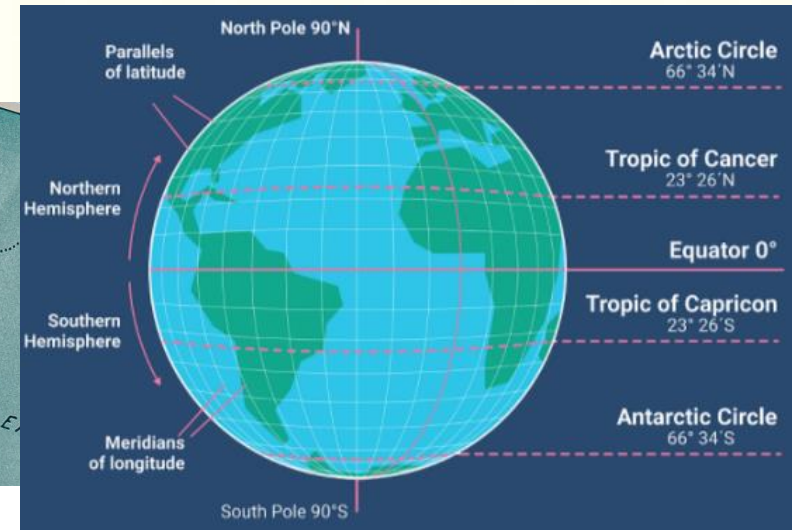
Ernest Shackleton



Robert Falcon Scott



Roald Amundsen



Vocabulary	Definition
permafrost	a very thick layer of frozen soil in the Arctic
precipitation	rain, snow or sleet
wind chill factor	the cooling effect of moving air
weather phenomena	include such things as wind, cloud, rain, snow, fog and ice storms
desert	a region that has less than 254 mm (10 in) of annual rainfall or precipitation
glacier	a slowly moving mass or river of ice formed by the accumulation and compaction of snow near the poles.
navigation	the process or activity of accurately ascertaining one's position and planning and following a route
exploitation	the action of making use of and benefiting from resources
expedition	a journey undertaken by a group of people with a particular purpose