



## Key Knowledge

The polar worlds consist of the Arctic and Antarctica. There are lots of similarities and differences.  
 The Arctic—Polar bears, walruses, whales and narwhals.  
 The Antarctic—Penguins, seals, orcas, albatrosses.

Animals have to adapt to ensure they stay warm. For examples, having a thick layer of feathers or fat; burrowing into the ground to stay warm and hibernating during the coldest months.

## Vocabulary

|                |   |
|----------------|---|
| Arctic         | An area located in the northernmost part of the planet    |
| Antarctica     | An area located in the southernmost part of the planet.   |
| Tundra         | Where the ground is nearly always frozen.                 |
| Polar ice cap  | Mass of ice at the very tip of the north and south poles. |
| Global warming | A gradual increase in the Earth's temperature.            |

## Fun Facts

1. There is one day of darkness and one full day of sunlight each year in the polar worlds.
2. The Antarctic is the only one of the seven continents to have no humans living there.
3. The Arctic consists of Canada, Russia, USA, Greenland, Norway, Finland and Iceland.
4. The Antarctica consists of no countries. The land belongs to no one.
5. The temperature can fall below -70 dearees.



## Robert Scott

A man who made an expedition to Antarctica in 1912.