



POLAR EXPLORERS! KNOWLEDGE ORGANISER

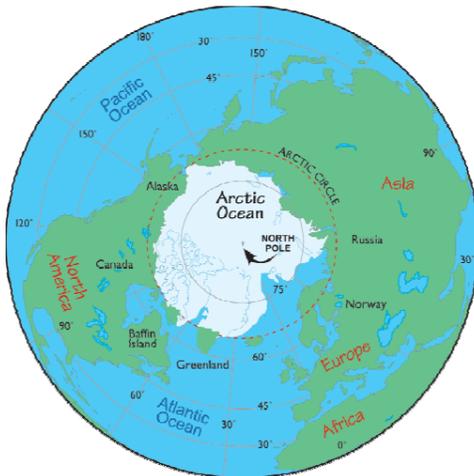


Overview

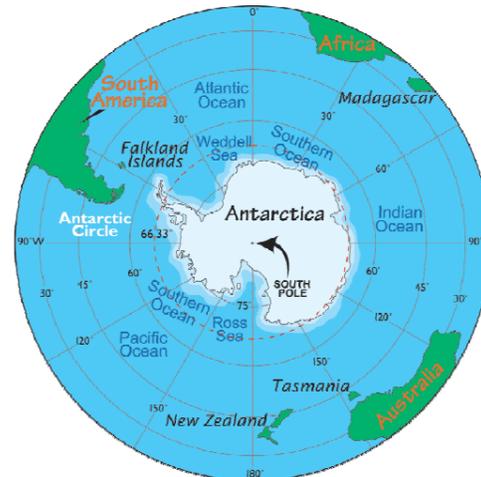


- The North Pole is the most northern point in the world. The area around the North Pole is known as the Arctic.
- The South Pole is the most southern point in the world. The area around the South Pole is known as the Antarctic.
- The polar regions (the North and South Poles) are the coldest places on Earth.
- The North and South Poles are the axis points on Earth (the Earth spins from these two points).

Maps



- The Arctic is mostly an ocean that is covered in a thick layer of ice.
- The frozen ice of the North Pole is over an ocean, not solid land.



- The Antarctic lays on its own continent (Antarctica).
- The South Pole is over an ocean, not solid land.

The Arctic

Terrain		-The Arctic Ocean is the main feature of the Arctic. However, it is covered by thick sea ice for most of the year, underneath a blanket of snow. Therefore, the Arctic is quite flat compared to the Antarctic.
Climate and Weather Patterns		-The Arctic is not as cold as the Antarctic: the ocean warms the air a little. It is still very cold though! -In some months, the northern lights can be seen in the Arctic.
Animals		-Polar bears are one of the apex predators in the Arctic. -The arctic fox, reindeer, walrus, beluga whales and narwhals also live in the Arctic circle.

The Antarctic

Terrain		-The Antarctic is based on a large land continent (Antarctica) covered in ice and snow. Antarctica has several mountains, as well as huge glaciers. Large icebergs can be found at sea.
Climate and Weather Patterns		-Antarctica is the coldest place on Earth. The temperature can reach as low as -89°C! -Worse still, freezing blizzards can take place for days at a time.
Animals		-Emperor penguins are one of Antarctica's most famous residents. A number of seals and birds also live in Antarctica.

Key Vocabulary

- Arctic
- Antarctic
- North Pole
- South Pole
- Arctic/
Antarctic Circle
- Robert Scott
- Roald Amundsen
- Explorer
- Degrees Celsius
- Glaciers
- Icebergs