

Exploring the Polar Regions

Learning objective: To identify and describe the key characteristics, locations, and climates of the Arctic and Antarctic regions.

Use these flashcards to test your knowledge of the North and South Poles. Read the question or term on the front, try to remember the answer, and then check it on the back!

Where is the Arctic located?

The Arctic is the region surrounding the North Pole.

Where is the Antarctic located?

The Antarctic is the region surrounding the South Pole.

What is an ice cap?

A thick layer of ice that covers a large area of land, often found in polar regions.

What is the Tundra?

A vast, flat, treeless Arctic region where the subsoil is permanently frozen.

What is permafrost?

Ground that remains completely frozen for at least two years straight.

What is a glacier?

A slow-moving river of ice formed by snow compressing over many years.

Which polar region is a continent surrounded by ocean?

The Antarctic (Antarctica).

Which polar region is an ocean surrounded by land?

The Arctic.

Why is the climate so cold at the poles?

Because they receive less direct sunlight from the sun than the equator.

What is an adaptation?

A special feature or behaviour that helps an animal survive in its environment, such as thick blubber for warmth.

What happens to sea levels when polar ice melts?

Sea levels rise, which can cause flooding in coastal areas.

Finn the dolphin asks: Which polar region is home to polar bears?

The Arctic.