

Can I Feed a Polar Bear?



Key Vocabulary

Temperature	The degree of hotness or coldness of a place.
Axis	An imaginary straight line through Earth which it rotates around.
Hemisphere	Half of Earth, usually divided into the Northern or Southern Hemispheres by the Equator.
Glacier	A huge accumulation of ice and snow that moves slowly over land.
Ice floe	A sheet of ice floating in the water.
Arctic/ Arctic Circle	An imagined circle around the North Pole that surrounds the area known as the Arctic.
Antarctic/ Antarctic Circle	An imaginary line around the Earth which surrounds the Southern polar region known as the Antarctic.
Antarctic Treaty	A set of rules signed by 54 countries to protect Antarctica.
Inuit	A person that lives in the Arctic Circle.

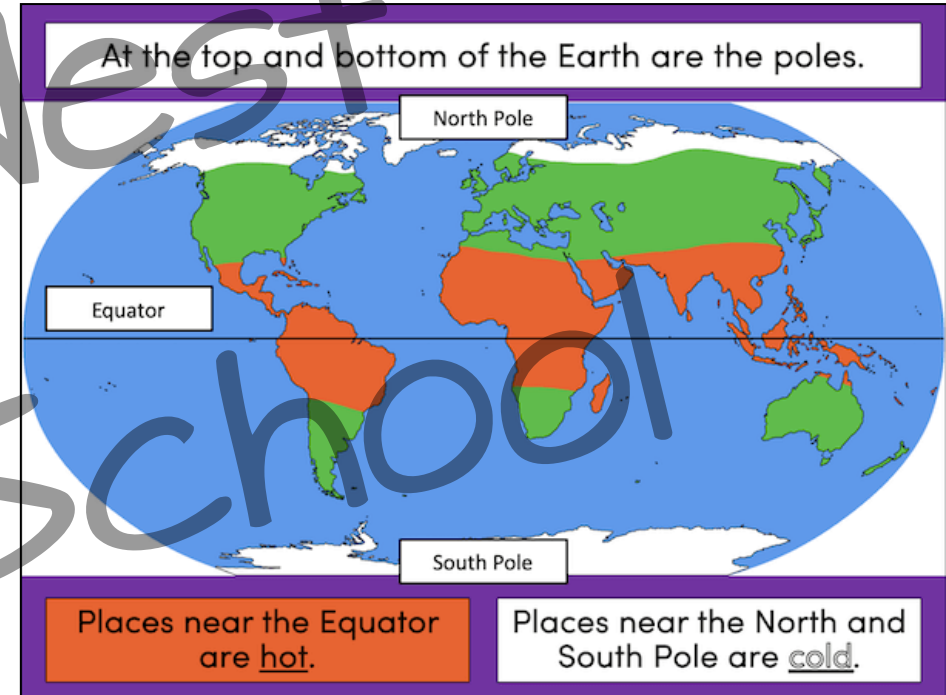
The coldest parts of the Earth are where the sun's rays are less concentrated.

Cold Countries - areas that are cold, especially during winter. Examples include those that are near the poles, like Greenland.



Did you know...?

The Arctic is not just ice and snow. You also get trees and plants.



Did you know...?

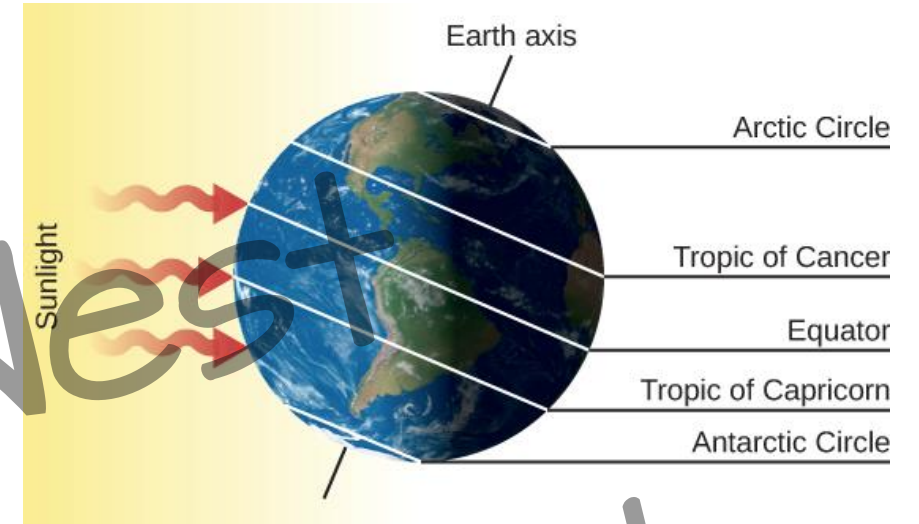
Penguins live in Antarctica, where there are no polar bears.



Feeling Hot, Hot, Hot!

Key Vocabulary

Climate	The average weather conditions, e.g. rainfall, hours of sunshine and winds, over at least 30 years.
Climate change	A large-scale and long-term change in the planet's climate, including weather patterns and average temperatures.
Equator	An imaginary line that circles the middle of the Earth. It is hottest here.
Tropics	Warm areas near the Equator. The weather is usually hot and rainy all year round. Lots of rainforests are found here.
Tropical rainforest	An area of forest found close to the Equator. It is hot with a lot of rainfall and home to lots of plants and animals.
Hot desert	An area of land that is hot and dry with less than 25cm of rain per year.



The hottest places on Earth are near the Equator where more of the sun's rays are concentrated.

Hot deserts are hot and dry with little water. It is tough for wildlife to survive there although some do, such as camels and lizards.

Tropical rainforests are found in the tropics and are hot and wet. This climate is ideal for trees to grow. The rainforest is home to lots of colourful plants and animals from tiny treefrogs to fierce jaguars!

Did you know...?

Camels survive in the harsh deserts by storing water and fat in their hump for a long time.