

# Hot sands, cold lands

## Key Vocabulary

<b>Temperature</b>	The degree of hotness or coldness of a place.
<b>Axis</b>	An imaginary straight line through Earth which it rotates around.
<b>Hemisphere</b>	Half of Earth, usually divided into the Northern or Southern Hemispheres by the Equator.
<b>Arctic/ Arctic Circle</b>	An imagined circle around the North Pole that surrounds the area known as the Arctic.
<b>Antarctic/ Antarctic Circle</b>	An imaginary line around the Earth which surrounds the Southern polar region known as the Antarctic.
<b>Antarctic Treaty</b>	A set of rules signed by 54 countries to protect Antarctica.
<b>Inuit</b>	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.

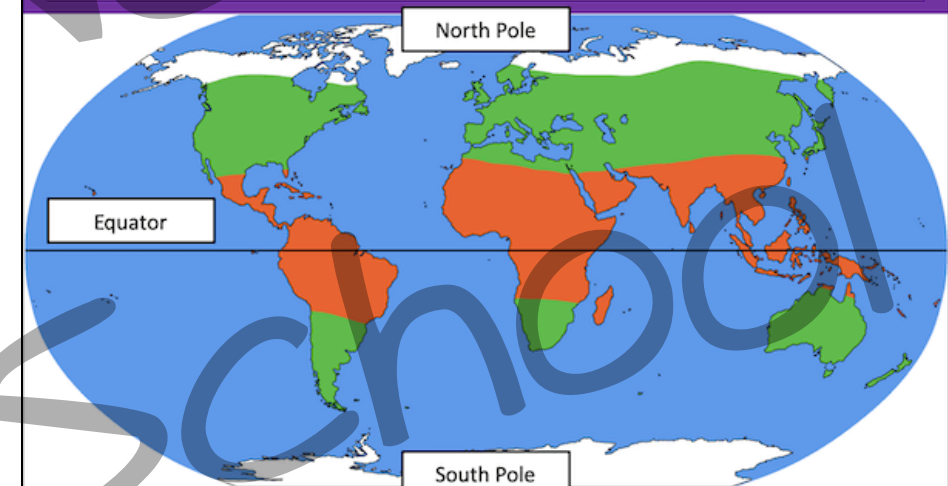


### Did you know...?

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



At the top and bottom of the Earth are the poles.



Places near the Equator are hot.

Places near the North and South Pole are cold.

### Did you know...?

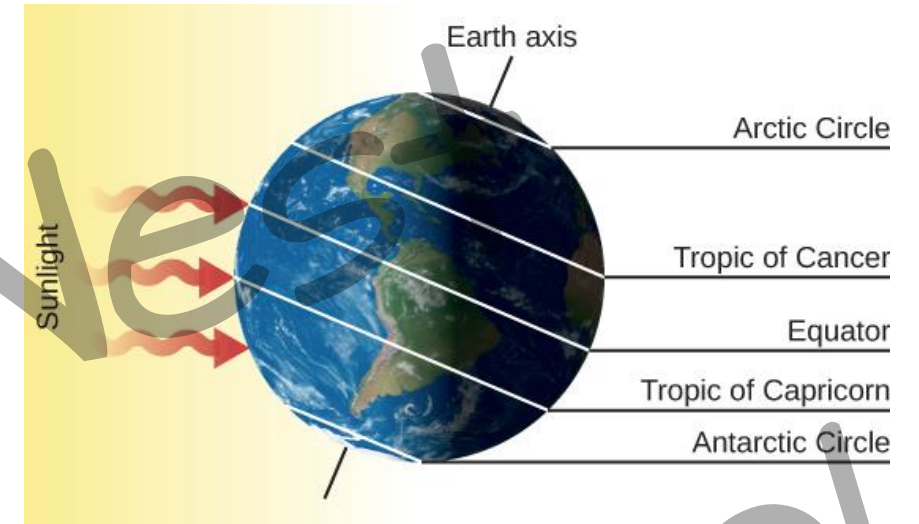
Penguins live in Antarctica, where there are no polar bears.



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

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.