



Year 1 Hot and Cold Places



North Pole

The North Pole is the northernmost point on Earth. There is no land at the North Pole, only ice.



South Pole

The South Pole is the southernmost place on Earth. It is located on land topped with solid ice. The South Pole is much colder than the North Pole.

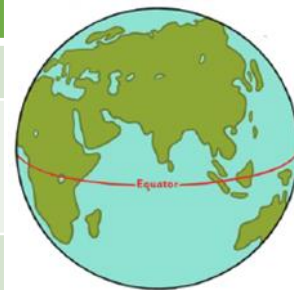


Sticky Knowledge

- Not all deserts are covered by sand.
- Not all deserts are hot. Two of the world's biggest deserts are in the **North** and **South Poles**.
- The largest hot desert in the world is the **Sahara** and the largest cold desert is **Antarctica**.



- Polar bears and penguins are able to keep warm because they have blubber inside their skins.
- Despite the low temperatures over 4 million people live in the polar regions.



North Pole

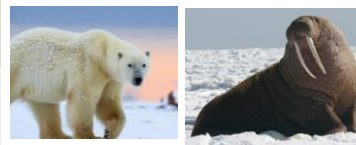


South Pole

The **equator** is an imaginary line that divides the Earth in half. The weather on the equator is hot all year.

Animals that live in the polar regions

- ✓ penguins
- ✓ polar bears
- ✓ Arctic fox
- ✓ seal
- ✓ reindeer
- ✓ walrus



During the **South Pole** winter it is dark all the time. During the summer it is light all the time.

Animals that live close to the equator

- ✓ meerkats
- ✓ lizards
- ✓ scorpion
- ✓ coyote
- ✓ camel



Hot **deserts** are usually very hot during the day but can get very cold at night. Some hot deserts can reach freezing point at night.

Key Vocabulary

North Pole	The northernmost place on Earth .
South Pole	The southernmost place on Earth .
equator	An imaginary line around the centre of the Earth. It is very hot at the equator . It divides the Earth into the north and south hemispheres.
Earth	The planet we live on.
ocean	A huge body of salt water.
meerkats	Animals that are often found in dry places like deserts. They belong to the mongoose family.
penguins	A large seabird that cannot fly. Found in the South Pole . There are many types with the most famous probably being the Emperor penguin.
polar bears	A large, white Arctic Bear found in the North Pole .
desert	A very dry place that experiences little rain. It is difficult to find water in a desert .
humid	When there is a lot of moisture in the air it is said to be humid. Hot countries are often very humid .
scorching	To burn slightly or to cause a change in colour because of the heat.
camouflage	When an animal's markings helps it to blend in with its environment.