



Geography Focus

Hot & Cold Areas of the World

Year 1

Spring 2 Term

## What? (Key knowledge)

### North & South Pole

Antarctica	Antarctica is one of the 7 continents and is in the South Pole. It is the coldest continent on Earth and is mostly covered by snow and ice.
Arctic	The Arctic is in the North Pole. Arctic seas contain sea ice in many places.
Global Warming	The effects of global warming in the Arctic and Antarctica is causing the sea ice to melt rapidly.
Icebergs	Icebergs are pieces of ice which have broken off and are floating in the ocean. They're found in the Antarctica and the Arctic and also act of land.
Antarctic and Arctic Animals	Use a Venn diagram to compare which animal live where. <b>Antarctic Animals:</b> emperor penguin, orca, squid, krill. <b>Arctic:</b> Arctic fox, polar bear, arctic hare, seal, walrus, snowy owl, orca.

### Equator

Positioning	Equal distance between North and South Pole.
Weather	The weather on the equator is hot all year round.
Globe Work	The part of the Earth north of the equator is called the Northern Hemisphere. The part of the Earth south of the equator is called the Southern Hemisphere.

### Compare UK to Contrasting 2 Areas (1 hot and 1 cold)

HOT AREA: Sahara Desert	A desert on the African continent and is one of the hottest deserts in the world.
COLD AREA: Antarctica	Virtually uninhabited continent due to the very cold weather and extreme winds (often exceeding 100mph!)
Comparing and Contrasting	Compare the weather conditions to the UK, looking at how the inhabitable the conditions are for both humans and animals.

## What? (Key Vocabulary)

Equator	The imaginary line separating the northern and southern hemispheres.
North Pole	In the northern hemisphere where the Earth's axis of rotation meets the surface.
South Pole	In the southern hemisphere where the Earth's axis of rotation meets the surface.
Ocean	A large body of water which covers a large area of the Earth.
Continents	There are 7 continents: Africa, Antarctica, Asia, Europe, North America, Australia and South America.

## Diagrams



## Possible Experiences

- Make polar bear cards with the Northern lights in the background (using watercolours) to sell to raise money for the plight of the polar bears (donate to the WWF).
- Make animal shaped fruit salad in D&T.