

Key Vocabulary

Arctic	The Arctic is the area around the northern most part of the Earth.
Antarctic	The Antarctic is the area around the southernmost part of the Earth.
Carnivore	An animal that eats mostly meat e.g. spiders, frogs, owls, polar bears, seals, whales and wolves.
Herbivore	An animal that eats only plants e.g. butterflies, snails, caribou, cows, deer, elephant, guinea pig, horse, panda, reindeer.
Omnivore	An animal that eats both meat and plants e.g. wasps, magpies, bears, dolphins, hedgehogs, humans.
Flexible	A material that bends easily without breaking.
Waterproof	Does not let water through.
Habitat	The place where you will normally find an animal or plant living.
Camouflage	To hide or disguise something.
Snowmobiles	A motorised vehicle designed to travel on snow.
Tent	A shelter made from cloth with supporting poles.

Other key words

Adventurer	Frozen	Warm
Clothes	Icebergs	Weather
Explorer	North Pole	Snow
Freeze	South Pole	Expedition

Because of the snow in the **North Pole** and **South Pole**, explorers need to make sure they wear sunglasses to protect their eyes from the sun, even though it's so cold!

Famous Explorers

Roald Amundsen		Ernest Shackleton	
	Born in Norway, 1872. Led the South Pole expedition in 1910-1912 and was the first person to reach the South Pole.		Born in Ireland 1874. He tried to reach the South Pole many times in his life. He won many awards for his hard work.

The Arctic



North Pole



Polar bear



Arctic fox



Snowy owl

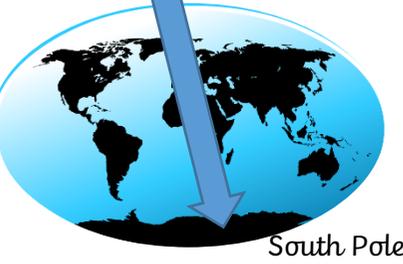


Walrus



Arctic Hare

The Antarctic



South Pole



Penguins



Seals

How do explorers survive there?

Clothes



- They have **clothes** to keep the body **warm**, especially fingers and toes.
- Their **clothes** allow them to move easily.
- Their **clothes** have to be comfortable whatever the weather.



Food



Explorers take food that is quick and easy to make.

Explorers cook on a small stove inside the tent.

Staying safe



Polar Explorers stay inside tents like these.

These tents do not weight very much, so they are easy to carry along with them on their **expeditions**.

They are made from windproof and **waterproof** fabric to help them stay warm as they sleep.

They sometimes use **snowmobiles** to travel over the snow.

Let's think like scientists ...

How would you test gloves to find out which were best for a Polar Explorer to wear?

Where do you think **Arctic** and **Antarctic explorers** get water from for drinking and cooking?

What do you think **Arctic** and **Antarctic explorers** take with them to eat?

What do you notice that all the **arctic** animals have in common?

Quiz

Question 1

When was Ernest Shackleton born?

- A. 1910
- B. 1912
- C. 1872
- D. Ireland

Question 2

Complete this sentence: The South Pole is located in ...

- A. Europe.
- B. Antarctica.
- C. the Arctic.
- D. England.

Question 3

Complete this sentence: The North Pole is located in ...

- A. Europe.
- B. Antarctica.
- C. the Arctic.

England.

Question 4

Which animals are found in the Arctic?

- A. Polar bears
- B. Foxes
- C. Snowy owls
- D. All of the above

Question 5

Which animals are found in the Antarctic?

- A. Penguins and seals
- B. Seals and walruses
- C. Polar bears and seals
- D. Foxes and hare

Question 6

What do the explorers clothes have to be for Arctic and Antarctic expeditions?

- A. Warm and stiff
- B. Woolly and soft
- C. Waterproof and warm
- D. Flexible, waterproof and warm.