

Knowledge Organiser: Winter Wonderland

Key facts

Hot countries are closer to the equator. Cold places are closer to the North and South Pole. Hot and cold places have different physical features.

There Indian Ocean, Southern Ocean and the Arctic Ocean.

There are 7 continents: Europe, North America, South America, Asia, Africa, Antarctica and Australasia.

Continents and Ocean



LOCATION – Antarctica is the southernmost continent on Earth located in the southern hemisphere and is surrounded by the Southern Ocean. It covers a huge area, about 14 million square kilometres.



Animal Classification – Cheat Sheet

AMPHIBIANS <ul style="list-style-type: none"> live on land & in water wetland skin breathes with lungs & gills Cold-blooded most smooth skin (no hair or fur) 4 legs (sometimes more) lay many eggs 	REPTILES <ul style="list-style-type: none"> have scales, not fur have dry skin usually lay eggs Sometimes live young ear holes instead of ears 4 legs or no legs Cold-blooded 	FISH <ul style="list-style-type: none"> live in water breathes underwater using gills, not lungs have scales and fins (to move or fly) Cold-blooded lay many eggs
BIRDS <ul style="list-style-type: none"> have feathers & wings lay eggs have 2 legs ear holes instead of ears Warm-blooded 	MAMMALS <ul style="list-style-type: none"> have hair or fur give birth to live young mammal mothers milk their young with milk have lungs and need air to breathe warm-blooded 	Insects <ul style="list-style-type: none"> Invertebrates (No Backbone) Have egg-skeleton Segmented body Lay eggs Antennae on head

Continent	A large Landmass
Ocean	A large body of salt water
Expedition	A journey undertaken by a group of people with a purpose
Ice Sheet	A layer of ice covering a large piece of land
Glacier	A river or large mass of ice formed by packed down snow
Hemisphere	Half of the earth divided by the equator
Climate	The average weather over a period of time
Equator	The line that runs around the centre of globe at equal distances from North and South poles



Ernest Shackleton

An explorer who in 1914, chartered an expedition to Antarctica. Disaster struck when his ship, the Endurance, was crushed by ice. He and his crew drifted on sheets of ice for months until they reached Elephant Island. Shackleton eventually rescued his crew, all of whom survived the ordeal. He later died while setting out on another Antarctic



Robert Falcon Scott

(1868–1912). Robert Falcon Scott was a British Navy officer who led an expedition to be the first to reach the South Pole. The attempt failed, and Scott and his team died on the return journey

Felicity Aston



In 2012 Felicity Aston became the first woman to ski alone across Antarctica. It was a journey of 1744km that took 59 days to complete and which gave her a place in the book of Guinness World Records.