


Geography – Discover: Knowledge Organiser

Journeys and Exploration – endurance, self-belief, resilience – determination.

GEOGRAPHY	What is the main difference between the North and South Poles?	The North pole is located on sea ice in The Arctic Ocean and the South Pole is located on land in the Antarctic.
	Is the Antarctic a continent?	Yes. Antarctica is the most southerly continent. The Arctic however, is NOT a continent.
	Does anyone live in the Arctic and Antarctic?	The Arctic is home to around 4 million people but no one lives permanently on Antarctica. There are research centres for scientists from many countries studying the environment.
	Who are the indigenous (native) people of the Arctic?	The Inuit. (In the past Inuits were sometimes known as Eskimos)
	What % of the world's ice is found in Antarctica?	Around 90%. (If all the ice melted then the sea levels would rise by about 60m.)
	What is a biome?	A biome is a large area of the Earth, which has a particular climate and particular types of living things. Common biomes are: tundra, forests, grasslands, deserts
	What is the tundra biome like?	For most of the year, the tundra biome is a cold, frozen landscape. This biome has a short growing season, followed by harsh conditions that the plants and animals in the region need special adaptations to survive.
	What is Antarctica classified as?	Surprisingly, Antarctica is a desert (even though it is so cold) because it experiences so



		little rain.
	What is the Equator?	An imaginary line which runs horizontally around the centre of the world at its hottest point. It is a line of latitude.
	What are lines of longitude?	Imaginary lines which run from Pole to Pole around the world. They are sometimes called Meridians. The Greenwich Meridian runs through Greenwich – London.
HISTORY	Who was the first person to reach the South Pole? 	Roald Amundson He was a Norwegian explorer and he arrived at the South Pole on 14 th December 1911. Five weeks before Captain Robert Scott's British team.
	What challenge did Ernest Shackleton and his team attempt to do in 1914?	He wanted to cross Antarctica from sea to sea, travelling through the South Pole.
	What other major world event started in 1914?	World War I
SCIENCE	What causes the Northern Lights (Aurora Borealis)	Collisions of particles from the Sun (solar wind) meet the Earth's magnetic field.
	How long does it take light to travel from the Sun to Earth?	Just over 8 minutes.
	What are the order of the planets in our solar system?	Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto* (Pluto is now considered too small to be a planet.)

Useful Weblinks

http://www.sheppardsoftware.com/geography_quizzes_and_games

[The Northern and Southern Lights](https://discoveringantarctica.org.uk/)

<https://discoveringantarctica.org.uk/>

<https://www.coolantarctica.com/>



Key Teaching Texts, guided reading texts and ideas for reading for pleasure along this term's theme.

