

Willow Tree Academy Y6 - How do we know about the world around us?



Key Knowledge

Exploration allows us to learn about the world we live in. Throughout history, many people have risked their lives to explore the world. Captain James Cook and Ernest Shackleton both led expeditions to explore different parts of our planet including Antarctica and Australasia.

Captain Cook explored Australia and South Pacific island which are located in the southern hemisphere.

Shackleton explored Antarctica, which is also located in the southern hemisphere.

These continents have very different physical features.

Whitby is situated on the east coast of Yorkshire facing the North Sea in a deep valley at the mouth of the River Esk. Human and physical features of Whitby will be explored on the day trip.



Timeline- Key Dates

1768: Captain Cook sails for Tahiti on HMS *Endeavour* to record observations of the Transit of Venus.

1769: Endeavour continued on to New Zealand, and then sailed along the length of Australia's eastern coast, which had never before been seen by Europeans.

1779: In February, Cook tried to take the local leader hostage. There was a scuffle and Cook was stabbed and killed.

1824: The RNLi is born. Sir William Hillary's vision for a service dedicated to saving lives at sea became a reality in London.

1938: Grace Darling became a national heroine after risking her life to save the stranded survivors of the wrecked steamship *Forfarshire* in 1838.

1914 - The *Endurance* sets sail from London with Ernest Shackleton and his crew.

Key People

Captain Cook (1728 - 1779)

Cook was an 18th century explorer and navigator whose achievements in mapping the Pacific, New Zealand and Australia radically changed western perceptions of world geography.

Ernest Shackleton (1874-1922)

Ernest Shackleton is famous because he is thought of as one of the most inspirational explorers of the 20th Century. He explored the Antarctic and South Pole regions.



Key Vocabulary and Terminology

Exploration - the action of exploring an unfamiliar area.

Longitude and latitude - Latitude and longitude are a system of lines used to describe the location of any place on Earth. Lines of latitude run in an east-west direction across Earth. Lines of longitude run in a north-south direction.

Northern hemisphere - The half of Earth that is north of the Equator.

Southern hemisphere - The half of the Earth that is south of the Equator

Physical Geography - This focuses on the study of the natural features of the world such as rivers, coasts, mountains, ecosystems, the weather and climate.

Human Geography - This focuses on the study of human interaction with the environment, its cultural, social and economic aspects.

Land Use - Is the function or functions that humans apply to the land available to them.

Tourism - Tourism is travel for pleasure or business; also the theory and practice of touring.

Coastal Erosion - Coastal erosion occurs when the sea wears away the land.