

Explorers

James Cook (1728-1779) was a British navigator and explorer who sailed and mapped much of the South Pacific. He travelled to New Zealand, Australia and Hawaii.

Sir Joseph Banks, (1743 – 1820) was an English naturalist, botanist, and patron of the natural sciences. Banks made his name on the 1766 natural-history expedition to Newfoundland and Labrador with James Cook.

Sir Francis Drake (1540 – 1596) was an English sea captain, privateer, slave trader, pirate, naval officer and explorer of the Elizabethan era. Elizabeth I awarded Drake a knighthood in 1581 - which he received on the Golden Hind in Deptford.

Sir Ernest Henry Shackleton was an explorer who in 1901 joined an expedition to the Antarctic. He was sent home early due to bad health. Devoted to creating a legacy, he led the Trans-Antarctic Expedition. Disaster struck when his ship, the Endurance, was crushed by ice

Quotations

Ambition leads me not only farther than any other man has been before me, but as far as I think it possible for man to go. James Cook

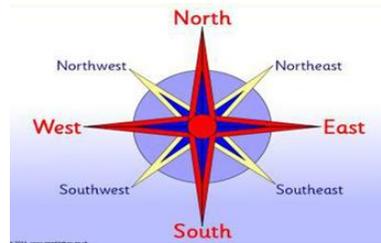
Geographical skills:

Locate key places on a map, globe and digital computer mapping.

Present information knowledgably about North, South America and Australia.

Use 8 compass points and 6 figure grid references

Make a map, including landmarks, using simple symbols in a key



Science

Key Vocabulary

Life Cycle A life cycle shows how things are born, how they grow and how they reproduce.

Life Cycles of a mammal, insect, bird and an amphibian

Life cycle of a mammal • Live young born • Grow from babies to adults • Reproduce • Live young born

Life cycle of an insect • Egg • Growth to adult or transformation to adult • Reproduce • Egg

Life cycle of a bird • Egg • Growth to adult • Reproduce

• Egg

Life cycle of an amphibian • Egg in water • Growth to adult • Reproduce • Eggs in water

• Egg

Life cycle of an amphibian • Egg in water • Growth to adult • Reproduce • Eggs in water

• Egg

Sexual reproduction – Offspring get genes from both mum and dad, inheriting a mix of features from both

Geographical vocabulary

<u>North Pole</u>	The northern end of the earth's axis
<u>South pole</u>	The southern end of the earth's axis
<u>Equator</u>	An imaginary line drawn on the Earth and spaced equally between the North and South pole
<u>Arctic circle</u>	An imaginary circle around the earth about ¼ of the way from the equator to the North pole.
<u>Antarctic circle</u>	An imaginary circle around the earth about ¾ of the way from the equator to the South pole.
<u>Tropics</u>	The region of the earth's surface closest to the equator.
<u>Climate</u>	The weather conditions in an area over a long period of time.
<u>Explorer</u>	A person who travels long distances to unfamiliar places to find out about them, or in search of land, trade routes and goods, treasure, knowledge, adventure or glory
<u>Antarctica</u>	98% of the continent is covered in ice. It is the coldest, driest, windiest continent. There are no permanent residents.

Andy Goldsworthy OBE (born 26 July 1956) is a British sculptor, photographer and environmentalist who produces site-specific sculptures and land art situated in natural and urban settings. He lives and works in Scotland.



