



Beech Hill Topic Must Knows

Key Facts/Skills

- Know that Antarctica is a continent at the bottom of the world.
- Know the names of famous Antarctica explorers (Cook (first crew to ever cross the Antarctic Circle), Shackleton, Scott (second crew to reach South Pole, first British), Amundsen (first crew to reach South Pole), Mikkelsen (first woman to set foot on Antarctica)) and their achievements
- Understand how compasses & grid references were used for navigation
- Understand how different colours represent different colours and habitats
- Understand how animals obtain their food from other animals and plants. Identify producers, predators and prey on a food chain.
- Understand that environments change and this can pose danger to living things.
- Know that due to global warming the polar caps are melting and the future for areas such as Antarctica is unclear.
- Describe positions on a 2D grid as coordinates in the first quadrant, describe movements between positions as translations (up/down, left/right, and NSEW), plot specific points (Maths Link)
- Create a non-chronological report about Antarctica (Writing Link)
- Create a landscape picture of Antarctica, focussing on using colours in the cold/cool palette range (The Arts Link)

Year 4 - Antarctic Adventures

Key Vocabulary

Antarctica
continent
South Pole
North Pole
Southern Hemisphere
Northern Hemisphere
Equator
Tropic of Cancer
Tropic of Capricorn

Arctic
Arctic circle
Antarctic circle
compass
point
navigation
explorer
Shackleton
Scott

Amundsen
expedition
adaptation
food chain
energy
climate change
global warming
lines of latitude

SMCS/Rights Respecting Schools

Articles 28, 29, 30, 42

- (28) The Right to a good quality education. Encouraged to go to school to the highest level you can
- (29) Your education should help you use and develop your talents and abilities. Help you learn to live peacefully, protect the environment and respect other people
- (30) Have the right to practise your own culture, language and religion - or any you choose.