



Inquiry Knowledge Organiser

Unit: Exploration and Discovery

Class: Bumblebees

Title: Our Natural World

What should I already know

- The names of the months of the year and the four seasons
- Features of and differences between the different seasons in the United Kingdom
- Clothing worn in different weather
- The country I live in is England.
- England is in the United Kingdom.
- The countries that make up the United Kingdom
- The weather is different in different parts of the world.
- Some animals do not live naturally in the same country as us.

Vocabulary

Antarctica	Southernmost continent on the earth which is surrounded by the Southern Ocean.
Arctic	Polar region located at the northernmost part of Earth.
desert	Area of land which gets very little rain each year
equator	Imaginary circle around the Earth that is halfway between the North and South Poles.
mild	Not extreme. Not too hot, or cold or wet or dry.
polar	Relating to the North and South Pole or nearby regions.
precipitation	water that falls to the earth as hail, mist, rain, sleet, or snow.
temperature	The level or intensity of heat present in a substance or object measured against a scale thermometer or felt by touch
tundra	Very cold and dry all year round
vegetation	Plant life that covers a particular area

Key Images



What will I know by the end of the unit?

- I can explain what affects temperatures locally and why it is cold at the North and South Poles.
- I can locate the North and South Polar regions and describe some of their icy features.
- I can locate and talk about the Arctic Circle using maps and globes, and describe seasonal changes
- I can use a range of geographical sources to describe Antarctica and its extreme weather and climate.
- I can identify some of the wildlife found in the Arctic and explain how it is affected by seasonal change.
- I can identify some of the wildlife found in the Antarctic and explain how it is affected by seasonal change
- I can understand how people adapt to living in the harsh environments like the Arctic and can give an example.
- I can explain what the Antarctic Treaty is and can explain some reasons why people go to Antarctica
- I can locate hot places in the world using an atlas and globe.
- I can describe the climate of tropical rainforests and use maps to locate them.
- I can describe the climate of hot deserts and use maps to locate them
- I can use my knowledge of the hot places of the world to plan and pack for a trip to a hot place.