

Learning Organiser: How does the weather affect our lives?

Key objective

Recognise and describe how weather changes and some of the ways this impacts people's lives

Important things I will know, understand and do

The names and location of the world's continents and oceans

The location of the Equator, North Pole and South Pole

The elements that make up the weather

Observe and measure elements of the weather using simple instruments

Record my results and display them graphically

How and why the weather changes in the UK during the four seasons

The location of hot and cold places in the world and how the weather varies in these places

Why temperatures decrease from the Equator towards the North and South Pole.

The features of the environments of Antarctica and the Sahara Desert

Why Antarctica and the Sahara are both deserts

Important places I will visit



Sahara Desert



Antarctica

Important people I will learn about



Robert Falcon Scott

Important subject vocabulary I will learn

Island	an area of land surrounded by water
Equator	an imaginary line drawn around the centre of the Earth
North Pole	the point farthest north on planet Earth
South Pole	the point farthest south on planet Earth
Adaptation	how living things are particularly suited to the environment in which they live
Expedition	a journey undertaken by a group of people to explore a particular place

Important geographical concepts I will understand

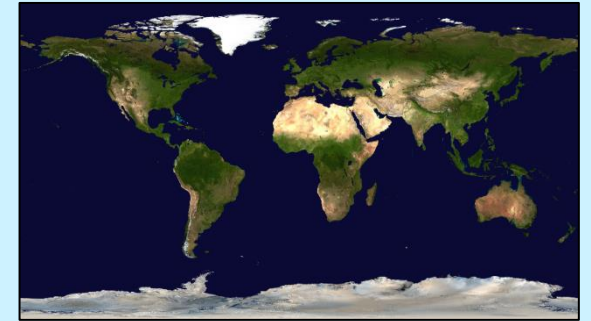
Physical feature	natural things that would be present even if there were no people
Human feature	things that have been constructed by people
Environment	the particular physical and human features which make places distinctive
Continent	one of the seven large masses of land that make up the world
Ocean	one of the five large areas of saltwater that cover the Earth's surface
Country	a nation with its own government and territory
Atmosphere	the layer of gas that surrounds the Earth, often called air
Weather	what's happening in the atmosphere at a given time e.g., sunshine, wind, rain
Season	one of the four parts of the year when the weather changes significantly
Desert	an environment that is very dry because it receives very little precipitation

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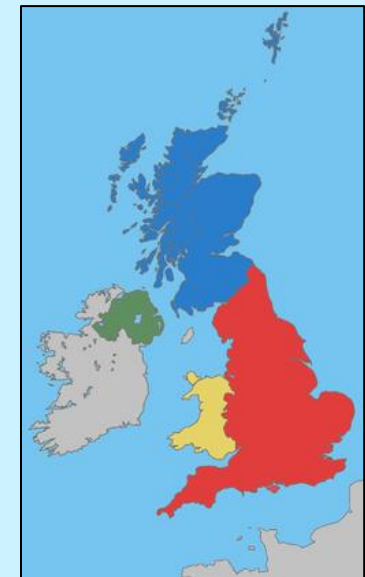
Disciplinary thinking skills I will use to understand what I learn

Recognise	Name and point out who or what something is
Identify	Distinguish something or someone from others that may be similar
Describe	'Say what you see'. Give an account in words of something or someone
Observe	Identify and distinguish with a degree of analysis some things that may potentially be more noteworthy or important than others
Select	Decide upon and choose that information considered most suitable or relevant
Categorise/Classify	Arrange information into particular groups according to shared qualities or characteristics
Sequence	Place a set of related events or things that follow each other into an order
Compare and contrast	Find similarities and differences
Recall	Remember and recount something learned
Reason/speculate	Thinking and forming ideas about something without necessarily firm evidence yet to back it up – conjecture, supposition
Summarise	Outline or sum up briefly the main points about something

Important maps I will refer to



Map of the world



Map of the United Kingdom

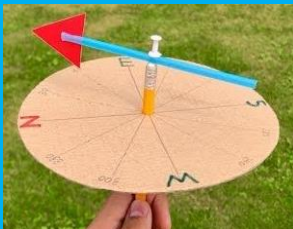
Important geographical techniques I will use

Fieldwork data collection	Maximum and minimum thermometer, anemometer, weather vane, eight points of the compass and cloud cover- oktas
Data representation	Bar graph, pictogram, tally chart and wind rose
Mapwork	World maps, atlases and globes Terrestrial, aerial and satellite photographs
GIS	Google Earth Pro

Important fieldwork observations I will make



Wind speed and direction



Cloud Cover



Max and Min Temperature



Precipitation



Changing Seasons