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 decreases 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	Find similarities and differences	
contrast		
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 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 maps I will refer to



Map of the world



Map of the United Kingdom

Important fieldwork observations I will make



Wind speed and direction



Cloud Cover





Precipitation



Changing Seasons