

Year 3 - Autumn 1 - Weather and Climate



Key Vocabulary	Definition
altitude	How high something is compared to the ground or sea level
climate	Weather patterns in a place over a long period of time. Such as seasonal rainfall
desert	An area with very little rain, extreme heat or cold where few forms of life can survive
latitude	Line of latitude run in an east-west direction. It is a line used to describe the location of any place on Earth
longitude	Line of longitude run in a north-south direction. It is a line used to describe the location of any place on Earth.
season	The year is split into four parts according to the climate
temperate	Having neither very hot nor very cold temperatures and mild weather
temperature	The measured level of heat or cold in the air
Tropical	The region either side of the Equator, between the Tropics of Cancer and Capricorn
weather	The condition outside in a particular time or in a particular place

The weather in the United Kingdom can change from day to day.



This is a Geography topic. We will be working as Geographers.

This is a world map. The red line shows the Equator. Countries that are closer to the Equator have the sun directly above them so they stay hot all year round. Countries that are further away have less direct sun, so they are cooler.



Arid - dry and hot all year round
For example, the Sahara Desert

Tropical - hot and wet all year round.
For example, Brazil

Temperate - cold winters and mild summers.
For example, the UK

Climate Zone Locations



Polar - very cold and dry all year round.
For example, Antarctica

Mediterranean - dry, hot summers and mild winters.
For example, Spain

Mountainous - very cold, sometimes wet, all year
For example, the Himalayas



Must Knows

Year 3 – The UK

Key Facts

- The UK has four seasons: Spring, Summer, Autumn and Winter.
 - The UK has a temperate climate. This means we have cold winters and mild summers.
 - Climate is influenced by different factors including: how near or far a place is from the Equator, how near or far it is from the sea, how high or low the ground it and its position on a continent.
 - The different climate zones are: Temperate, Polar, Tropical, Mediterranean, Arid and Mountainous.
 - The climate across Europe can vary. It is influenced by the Gulf Stream and strong Westerlies.
 - Global warming is caused by greenhouse gases.
 - Climate change is a long term shift in temperatures and weather patterns.