



Geography

Weather - Local Fieldwork

Year 4

Subject Specific Vocabulary

Climate zones	these are big areas on Earth that have similar weather all year round.
Weather	the daily changes in the conditions outside.
Oktas	are a way to count how much of the sky is covered by clouds.
Equator	an imaginary line that goes all the way around the middle of the Earth. It divides the Earth into 2 halves.
Atmosphere	is a big blanket of air that surrounds the Earth. It helps keep us alive.
Temperate	the weather is not too hot and not too cold.
Fieldwork	going outside to learn about the world by explore nature, ask questions, and collect information .

Aspirations

Meteorologist
Weather reporter
Storm chaser
Climate scientist

Sticky Knowledge

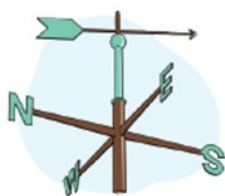
These are some of the main climate zones tropical climate zone, an arid (desert) climate zone, a temperate climate zone, a continental climate zone and a polar climate zone.

There are 3 different climate zones.

There are different types of cloud such as cirrus clouds, stratus clouds and cumulus clouds.

A meteorologist is a person who studies the weather.

The UK falls under the temperate climate zone while other countries may have different climate zones.



A weathervane measures wind direction.



An okta card measures cloud cover.



An anemometer measures how fast the wind is blowing.



A rain gauge measures precipitation.

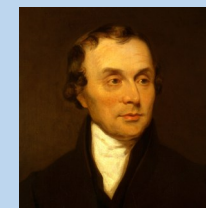


A thermometer measures temperature.

Skills

I can explain the difference between weather and climate.
I can collect weather data.
I can record weather data.
I can present weather data.
I can analyse and evaluate our weather data.

Key Figure/s



Luke Howard - The Cloud Scientist
Gave names to the different types of clouds

Key Dates

1870s

The first weather stations started in many towns.

1930s

Weather forecasts started to become more accurate thanks to radios and better science.

Linked Text/s

Visit the North West of England



Learning Links

<https://www.bbc.co.uk/bitesize/articles/zhrdwnb>