

Year 2: Weather and Climate

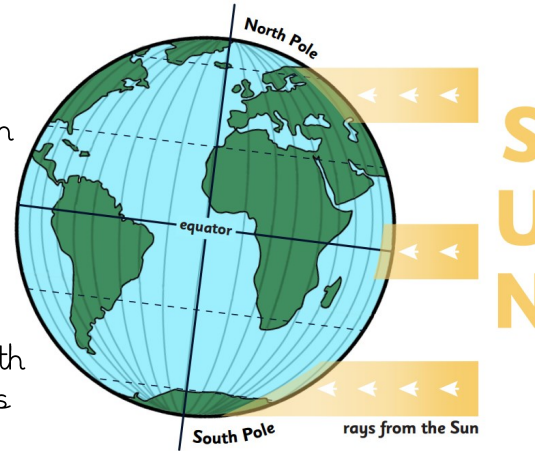
Key Vocabulary

atmosphere	a mixture of gases that surrounds the Earth
climate	the usual weather over a long period
climate zone	large areas that have similar climates
equator	an imaginary circle around the Earth that divides it into two equal parts or hemispheres
forecast	prediction of how the weather will be on a certain day
meteorologist	a type of scientist that studies weather
precipitation	water falling from the sky (rain, hail, sleet or snow)
rain gauge	an instrument used to measure rainfall and snowfall
temperature	how hot or cold something is
thermometer	an instrument used to measure temperature (how hot or cold it is)

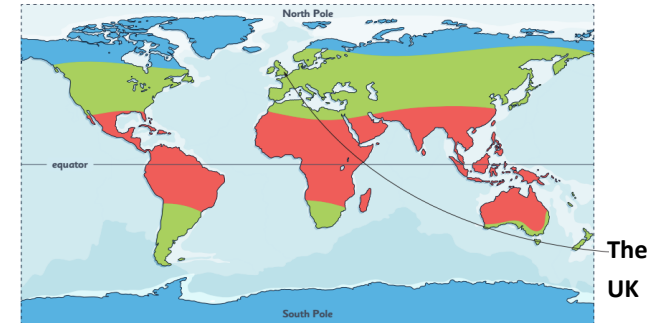
What are climate zones?

Places on the equator are the hottest places on Earth.

The Sun shines less on the North and South Poles



Climate key: ● hot ● temperate ● cold



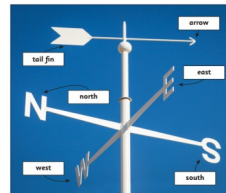
Places in the northern and southern hemispheres can have a similar climate

How do meteorologists collect weather data?

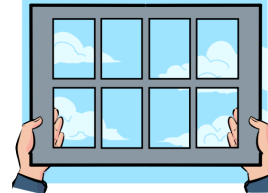
A Rain Gauge



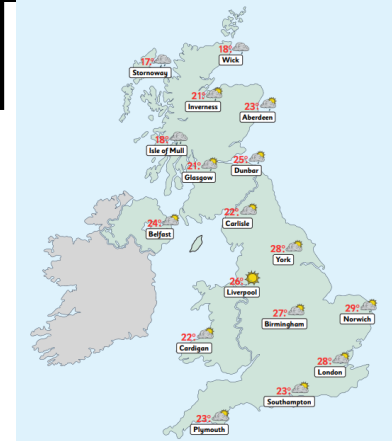
A weathervane shows the direction the wind is coming from



Cloud cover is counted using oktas



The temperature of the air is measured using a thermometer in degrees Celsius (C).



What is the weather like in my local area?

A weather forecast is an informed prediction about what the weather will be like today, tomorrow, this week or next.

