

## Phase 2 Knowledge Organiser

# Weather

In the UK, in spring, it is often rainy and the temperature begins to get warmer. In summer, the sun is much stronger. The temperature is warmer than in any other season.



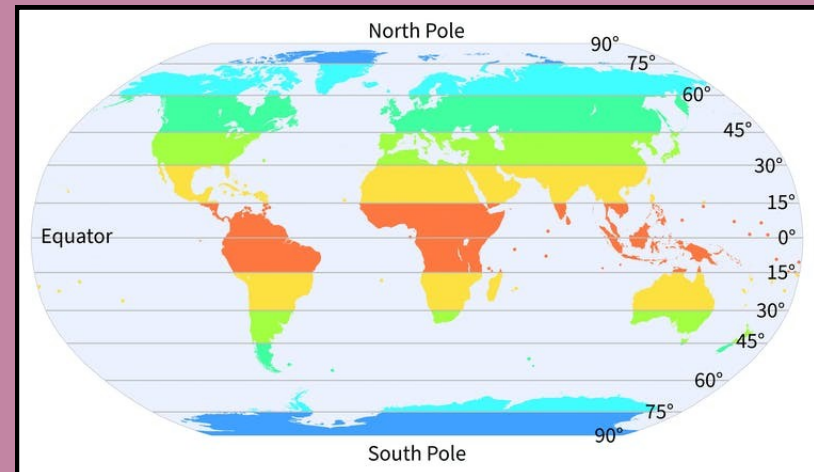
In the autumn, the weather turns chillier, windier and there is often rain. In the winter, it is often cold and frosty. It has to be freezing for there to be snow.

The weather in the United Kingdom can change from day to day and even during the same day. We do not get the same weather for a whole season. Weather diaries help us to track daily and seasonal weather patterns.

A weather forecast says what the weather will be like today, tomorrow and in the next few days. They use symbols to help people know what the weather will be. Computers are used to make accurate weather forecasts.



Countries near the equator have hotter climates and the Arctic and Antarctic (the North Pole and the South Pole) have much colder climates. Climate affects lots of things, such as which plants grow. Many animals are specially adapted to the climate they live in.



How does the weather affect what we do? How do we prepare for hot and cold days?

What activities can we do in different seasons in the UK?

## Key Vocabulary

<b>Affects</b>	Makes a difference to.
<b>Climate</b>	The usual weather in a particular place.
<b>Equator</b>	An imaginary line, halfway round the middle of the earth between the North and South poles.
<b>Observations</b>	What you see when we look closely at something.
<b>Polar</b>	Icy regions known as the Arctic and Antarctic or the North and South poles.
<b>Season</b>	The year in the UK is split into 4 seasons - Spring, Summer, Autumn, Winter..
<b>Temperature</b>	A measure of how hot or how cold it is.
<b>Thermometer</b>	An instrument used to measure the temperature.
<b>Weather</b>	How hot or cold it is, whether it is sunny, snowing or raining etc.

## Weather in (Recent) History

### York Floods

The River Ouse and the River Foss often flood in York but in December 2015, there were the worst floods for a long time. In total in York, 250 people were evacuated from their homes. Around 10,000 sandbags were used, with 600 military personnel, 125 mountain rescue members, York Rescue Boat teams and countless volunteers helping to rescue people from their homes or to fill and distribute sandbags around the flooded areas.



## Weather in Singapore

As it's near the equator, Singapore is warm all year round. It stays warm at night too. People hardly ever wear coats or jumpers! Lots of tropical plants grow in Singapore, because it is sunny, warm and very wet. Most months, it rains on almost half of the days. Instead of having four different seasons, it only has two!

