

Knowledge Organiser		
Year: 1&2	Term: Summer 2	Topic: Seasonal Change (Science)

Vocabulary	Meaning
climate	the typical weather pattern in an area over time
temperature	a measure of how hot or cold something is
weather symbol	a picture which shows a particular type of weather on a map
seasons	the way we divide the year according to weather patterns
Earth	the planet we live on
meteorologist	Someone who studies the weather patterns
satellite	a man made device which moves around the Earth or moon collecting information and pictures.

There are four seasons: **winter, spring, summer, and autumn.**

The weather changes throughout the year and different weather is linked to the months.

When it is summer the days are long, the weather is usually warmer and sunnier and there is less rain.

In the winter it is more likely to rain, snow and be cold. When the temperature is below 0 degrees water freezes and we describe the conditions as icy.

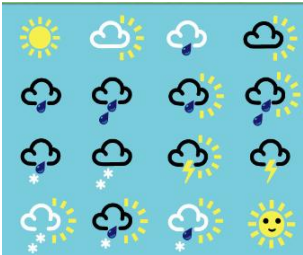


Key Knowledge

When you look outside you can describe the weather by what it is doing e.g sunny, rainy, windy, snowy, cloudy, stormy, foggy,

Temperature is a measure of how the weather feels eg cold, cool, chilly, freezing, warm, hot.

The weather can be recorded as a symbol so everyone across the world can read it.



Meteorologists are **weather** scientists.

They use specialist equipment like satellites to work out what kind of **weather** to expect.

George James Symons (1838-1900) was a British meteorologist. He insisted on using a rain gauge as it provided a standard measure for rainfall.

George James Symons



Satellite



Rain Gauge

Learning Objectives	
Lesson 1	I can name and describe the different types of weather. I can identify the seasonal and daily weather patterns in the UK
Lesson 2	I can link types of weather and the length of the day to the seasons.
Lesson 3	I can identify hot and cold countries in relation to the equator and the North and South poles
Lesson 4	I can talk about jobs meteorologists do
Lesson 5	I can show what I have learnt.