



In the UK, the day length is longest at mid-summer (about 16 hours) and gets shorter each day until mid-winter (about 8 hours) before getting longer again. The weather also changes with the seasons. In the UK, it is usually colder and rainier in winter, and hotter and drier in the summer. The change in weather causes many other changes. Some examples are: numbers of minibeasts found outside; seed and plant growth; leaves on trees; and type of clothes worn by people.

autumn: the season after summer and before winter



sunny: warm or cold weather with lots of sunshine



day length: the time between sunrise and sunset



sunrise: the time in the morning when the sun can first be seen



rain: water that falls from the sky in drops



sunset: the time in the evening when the sun can no longer be seen



seasons: the cycle of weather changes



weather: the conditions outside



snow: flakes of ice that fall from the sky



windy: when the air outside is moving a lot



spring: the season after winter and before summer



winter: the season after autumn and before spring



summer: the season after spring and before autumn



Knowledge I already have

When I was in Nursery and Reception, I learnt about similarities and differences in relation to places, objects, materials and living things.

I talked about the features of my own immediate environment and how environments might vary from one another.

I made observations of animals and plants and explained why some things occur and talked about changes.

New Knowledge

During this unit, I will:

- observe changes across the four seasons.
- observe and describe weather associated with the seasons and how day length varies.



Future Knowledge

When I am in Year 3, I will:

- recognise that light from the sun can be dangerous and that there are ways to protect my eyes.

When I am in Year 5, I will:

- use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.

When I am in KS3, I will learn about:

- the seasons and the Earth's tilt; day length at different times of year, in different hemispheres.

Scientific Enquiry

Studies Over Time:

- I have made and will continue to make weekly observations over time of the weather including temperature and rainfall; length of day; plants and animals. Record results using photographs, tables and labelled diagrams.

Pattern Seeking:

- I will present results (from the studies over time) in different ways to compare seasons.
- I will interpret results to describe general weather types and changes in day length over the seasons.