

# Seasonal Changes

## Seasons

There are four seasons in the United Kingdom. These are winter, spring, summer and autumn.

## Trees

There are two main types of trees. Deciduous trees have leaves that change colour and fall from the trees in autumn and winter. Evergreen trees shed old leaves and grow new leaves all year round. This means that they keep their leaves in winter.



deciduous trees



evergreen trees

## Animals through the seasons

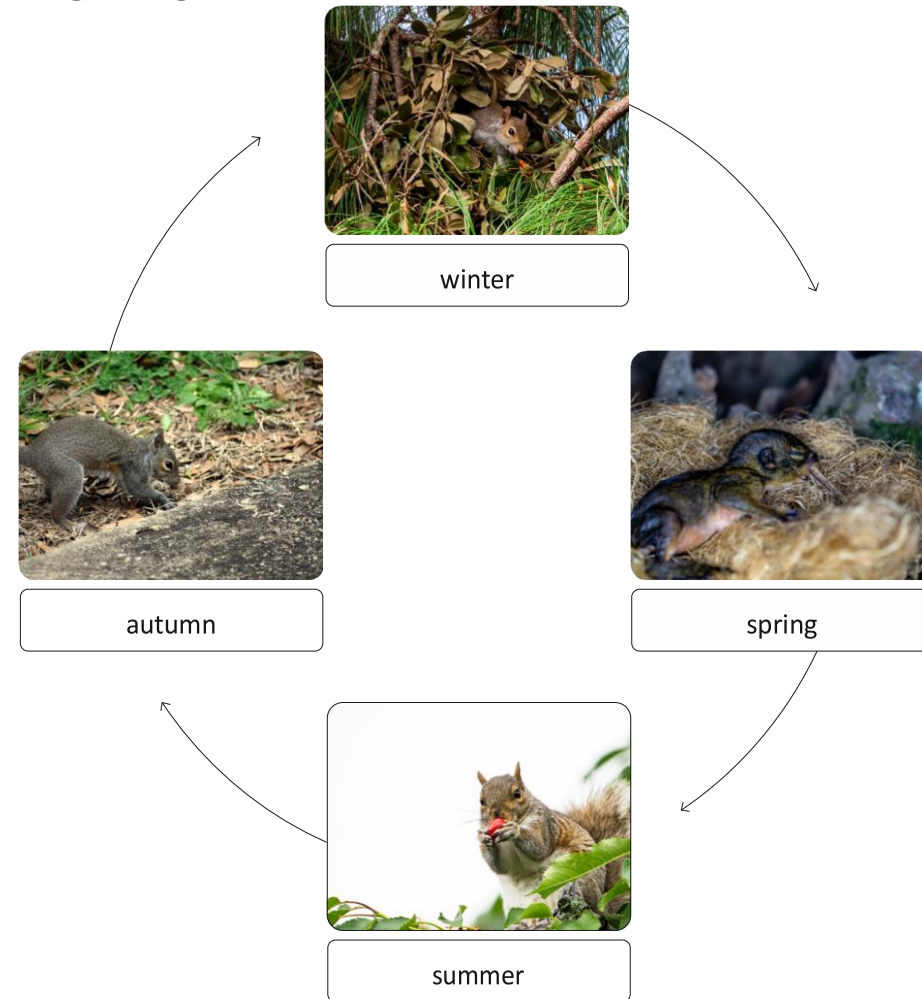
The temperature and the hours of daylight in each season affect how animals behave.

In **spring**, many animals give birth to young or lay eggs.

In **summer**, young animals grow and learn how to find food.

In **autumn**, animals prepare for winter or migrate.

In **winter**, some animals spend more time in their nests or hibernate until spring. Then the cycle begins again.



Grey squirrels behave differently in different seasons.

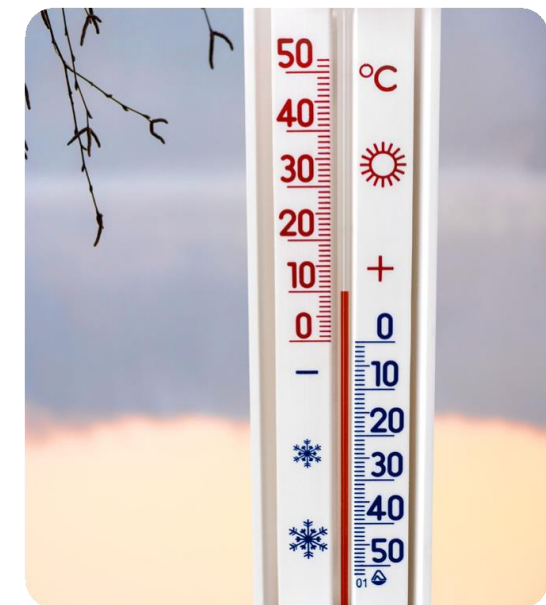
## Day Light

The length of daytime and night time changes every day in the United Kingdom. In winter, the daytime is short, and the night time is long because the Northern Hemisphere is tilted away from the Sun and doesn't get as much light.

In summer, the daytime is long, and the night time is short because the Northern Hemisphere is tilted towards the Sun and gets lots of light.

## Weather

The weather can be sunny, cloudy, foggy, rainy, snowy or windy.



## Temperature

Temperature is a measurement of how hot or cold something is. We measure the temperature using a thermometer.

## Precipitation

Precipitation is water that falls from the clouds. Precipitation can fall as rain, sleet, snow or hail, depending on the temperature. We use a rain gauge to measure the volume of rainfall.



## Wind speed

The Beaufort Scale is used to observe and record wind speed. There are 13 names for different wind speeds on the Beaufort scale from calm to hurricane force. We can also use a windsock to help us observe the wind.

## Glossary

weather	What is happening in the skies around us including sun, rain, cloud, wind, snow and fog.
season	One of the 4 parts of a year marked by different weather or activities —spring, summer, autumn, and winter.
temperature	The measured amount of heat in a place.
changes	When something changes it becomes different than before.
rainfall	The amount of rain that falls in a place.
daylight	The time in the day when there is natural light from the sun.
spring	The season in the UK when leaves and plants start to grow again after the winter months.
summer	The season in the UK that is the warmest.
autumn	The season in the UK after summer, where crops are gathered, and leaves begin to fall.
winter	The season in the UK that is the coldest.