

## Year 1 topic

Summer	from the end of June until the end of September
Autumn	from the end of September until the end of December
Winter	from the end of December until the end of March
Spring	from the end of March until the end of June
Sun	the hot ball of gas in the sky that creates light during the day
day	the hours between sunrise and sunset
moon	the biggest object in the night sky
night	the hours between sunset and sunrise
dark	when there is a lack of light
weather	what is happening on a day, for example, whether it is hot, cloudy, dry, sunny, windy, rainy, etc.
sunrise	when the Sun comes up
sunset	when the Sun goes down
day length	the length of time between sunrise and sunset
season	a division of the year based on changes in weather, ecology, and the number of daylight hours in a given region

# Seasonal Changes Knowledge Organiser (Y1)

## Key Knowledge

The weather changes with the seasons.

In the UK, it is usually hotter and drier in the Summer.

In the UK, the day length is longer in summer (about 16 hours in mid-summer) so we can be outside for longer.

Things generally grow more in spring and summer because the weather is better.

In autumn lots of trees lose their leaves and some animals begin to hibernate.

In the UK, it is usually colder and rainier in Winter so some birds fly to other countries.

We might change what we wear in different seasons (with examples).

The seasons are Spring, Summer, Autumn and Winter.

## Linked careers

Weather reporter, meteorologist, climatologist, military weather officer, climate researcher.



## Famous Figures

Steve Lyons (extreme weather)

Holly Green (meteorologist)

Liam Dutton (meteorologist)



## Ongoing assessment

Draw a picture of each season.

How would your clothes be different in winter and summer?

How do trees change during different parts of the year?

## Enquiry types

Research: Are there plants that flower in every season? What are they?

Identifying/classifying: How can we group these things based on which season you are most likely to see them in?

Comparative testing: In which season does it rain most?

Observation over time: How does a UV bead change over the day?

Pattern seeking: Does the wind always blow the same way?

# Seasonal Changes Knowledge Organiser (Y2)

## Key Knowledge

The weather changes with the seasons.

In the UK, it is usually hotter and drier in the Summer.

In the UK, the day length is longer in summer (about 16 hours in mid-summer) so we can be outside for longer.

Things generally grow more in spring and summer because the weather is better.

In autumn lots of trees lose their leaves and some animals begin to hibernate.

In the UK, the day length is shorter in the winter (about 8 hours). Shadows, draw graphs – link to Maths.

In the UK, it is usually colder and rainier in Winter so some birds fly to other countries.

The seasons are Spring, Summer, Autumn and Winter.

## Linked careers

Weather reporter, meteorologist, climatologist, military weather officer, climate researcher.



## Famous Figures

David Attenborough (climate change)

Greta Thunberg (environmental activist)

Chris Packham (climate change)



## Ongoing assessment

Draw a picture of each season.

How would your clothes be different in winter and summer?

How do trees change during different parts of the year?

## Enquiry types

Research: Are there plants that flower in every season? What are they?

Identifying/classifying: How can we group these things based on which season you are most likely to see them in?

Comparative testing: In which season does it rain most?

Observation over time: How does a UV bead change over the day?

Pattern seeking: Does the wind always blow the same way?