

Carr Head Primary School - Knowledge Organiser

Science

Seasonal Changes

Year 1

Autumn Term 2

Key Knowledge

Seasons

What is a season?	The year is divided into four parts according to the weather and daylight hours. Each part is called a season.
Does the whole world have the same seasons?	No - the seasons happen at different times in the top half of the world (Northern Hemisphere) compared with the bottom half of the world (Southern Hemisphere)
Where are we?	In England, we are in the Northern Hemisphere.

What are the seasons called?	<ul style="list-style-type: none"> Autumn Winter Spring Summer
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When are the seasons in England?	Autumn	September October November
	Winter	December January February
	Spring	March April May
	Summer	June July August

Weather and daylight during the seasons

Autumn	<ul style="list-style-type: none"> Temperatures get progressively colder The weather is very changeable 12 hours of light per day on average.
Winter	<ul style="list-style-type: none"> Temperatures are at their coldest The weather is generally wet, windy and cloudy at the start of the season becoming drier and much colder in the later part of the season. 8 hours of light per day on average.
Spring	<ul style="list-style-type: none"> Early spring can be quite cold, and occasionally the lowest temperatures of the year can occur in March There is a fair chance of snow earlier in the season often in March Temperatures get progressively warmer throughout the season. 13 hours of light per day on average.
Summer	<ul style="list-style-type: none"> The warmest and sunniest of the seasons Thunderstorms are more likely in the Summer. 16 hours of light per day on average.

The Sun





WARNING	IT IS NOT SAFE TO EVER LOOK DIRECTLY AT THE SUN, EVEN WHEN WEARING SUN GLASSES.
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Key Vocabulary

Weather	The conditions outside
Temperature	The measure of how hot something is
Seasons	The parts a year is divided into
Leaves	Usually flat and green growing from a stem
Thunderstorm	A storm of heavy rain with thunder and lightning

Diagrams and Symbols

A tree through the seasons

	Autumn	Leaves begin to change colours to oranges, reds and browns and fall from the tree.
	Winter	Trees are bare without leaves. Branches and twigs are most visible.
	Spring	New leaves and buds begin to grow.
	Summer	Trees appear full of leaves.