



# Welton Primary School—Science Knowledge Organiser



Year: 1

Seasonal Change

Physics

## What should I already know?

- I know that there are similarities and differences between places and living things.
- I can talk about my own environment and how environments might vary.
- I can talk about change.

## Vocabulary

rain	Water that falls from clouds.
snow	White flakes of frozen water.
sunny	When the sun shines brightly.
windy	When the wind blows strongly.
season	The year is split into 4 parts each
autumn	When the weather gets colder and leaves fall of the trees.
winter	When the weather is usually cold.
spring	When the weather becomes warmer and plants grow again.
summer	When the weather is usually warm or hot.
frosty	When things are frozen and there is ice.
sunrise	End of night when the sun is up.
sunset	End of daytime when the sun cannot be seen.
day-length	The number of hours that the sun is in the sky.

Seasons are the different times in the year when there are changes in the weather.

In the United Kingdom, there are four seasons in a year: autumn, winter, spring and summer.

The length of the days changes as well as what happens in the world around us.



Autumn		Winter	
	<ul style="list-style-type: none"> <li>• In autumn, the weather starts to get cooler.</li> <li>• The days get shorter and the nights get longer.</li> </ul>		<ul style="list-style-type: none"> <li>• Winter is the coldest season of the year.</li> <li>• Winter has the shortest day and the longest night.</li> </ul>
<ul style="list-style-type: none"> <li>• Squirrels start to store nuts for the winter.</li> <li>• Hedgehogs hibernate.</li> </ul>	<ul style="list-style-type: none"> <li>• Leaves on some trees start to turn brown and fall to the ground.</li> <li>• Conkers and pinecones can be found on the floor.</li> </ul>	<ul style="list-style-type: none"> <li>• You will need to wear hats, scarves and jumpers.</li> <li>• Many animals are hibernating.</li> </ul>	<ul style="list-style-type: none"> <li>• Deciduous trees will not have any leaves.</li> <li>• There may be frost or even snow.</li> </ul>
Spring		Summer	
	<ul style="list-style-type: none"> <li>• In spring, the weather starts to get warmer.</li> <li>• The days become longer and the nights get shorter.</li> </ul>		<ul style="list-style-type: none"> <li>• Summer is the warmest season of the year.</li> <li>• Summer has the longest day and the shortest night.</li> </ul>
<ul style="list-style-type: none"> <li>• Lots of baby animals are born and new flowers blossom</li> <li>• Birds build nests and frogs lay spawn.</li> </ul>	<ul style="list-style-type: none"> <li>• Buds start to appear on trees and new leaves start to grow.</li> <li>• There might be more sunny days but still lots</li> </ul>	<ul style="list-style-type: none"> <li>• Insects like wasps and bees are busy in the garden.</li> <li>• The sun is hot and you need to wear sun cream.</li> </ul>	<ul style="list-style-type: none"> <li>• Plants have lots of leaves and flowers.</li> <li>• Grass grows quickly and will need cutting regularly.</li> </ul>

Winter

Spring

Summer

Autumn

Winter

January February March April May June July August September October November December