



# The Mead Infant and Nursery School – Science



## Year 1 Seasonal Changes

<b>What is a season?</b>		
The year is divided into four parts according to the weather and daylight hours (resulting from the earth's changing position with regard to the sun). Each part is called a season.	Weather	The conditions in the air above the earth, such as wind, rain or temperature
	Temperature	The measure of how hot something is
<b>What are the seasons called?</b>	Seasons	The parts a year is divided into according to weather & daylight hours
Autumn Spring Summer Winter	Tree	Usually a tall plant that has a trunk, branches and leaves
<b>When are the seasons in England (Northern hemisphere)?</b>	Leaves	Usually flat and green part of a plant that grow from a stem
	Thunderstorm	Heavy rain with lightning and thunder
<b>Autumn</b> September October November <b>Winter</b> December January February <b>Spring</b> March April May <b>Summer</b> June July August	Hibernate	Dormant state of an animal or plant during winter.
	Daylight	The natural light of daytime
	Cold	Low temperature
	Warm	Moderate heat
	hot	High temperature

### Weather and daylight during the seasons

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

Autumn



Winter



Spring



Summer



### Scientific Enquiry

Contrast the seasons in South American rainforest with English seasons.  
 Chart the weather daily and produce recorded weather reports  
 Make rain gauges - compare different locations - does the position make a difference? - Does the same amount of rain fall every day/month/season it rains?  
 Investigate animal behaviours during the seasons

### Weather symbols





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