



Year 1: Seasonal Change



Kindness Enjoyment Achievement

<p><u>Key Concepts:</u> In the UK, the day length is longest at about midsummer (about 16 hours) and gets shorter each day until midwinter (about 8 hours) before getting longer again. The weather also changes with the seasons. In the UK, it is usually colder and rainier in the winter, and hotter and dryer in the summer. The change in weather causes many other changes. Some examples are: numbers of minibeasts found outside; seed and plant growth; leaves on trees; and type of clothes worn by people.</p>	<p><u>Types of Enquiry:</u> <u>Sorting and classifying:</u> Group objects by the season you'd see them. <u>Fair/ comparative test:</u> In which season does it rain the most? <u>Use of secondary sources:</u> Are there plants that are in flower every season? What are they? <u>Change over time:</u> How does a daffodil bulb/ oak tree change over the year? <u>Pattern seeking:</u> Examine weather data to spot seasonal patterns. Does the wind always blow the same way?</p>	<p><u>Vocabulary:</u> Weather: sunny, rainy, cloudy, snowy etc. Seasons: winter, summer, autumn, spring Sun Sunrise Sunset Day length</p>
	<p><u>Working scientifically skills:</u> <u>Questioning:</u> Ask simple questions <u>Observing:</u> Collect information about weather regularly throughout the year. Signs of autumn/ winter... scavenger hunts. <u>Identify and classify:</u> Identify the natural things they find using simple identification picture cards. <u>Testing:</u> <u>Predicting:</u> Predict and then measure the temperature most days. <u>Recording:</u> Presentation of weather data</p>	<p><u>How it fits in with the rest of the curriculum:</u> <u>EYFS:</u> Know about similarities and differences in relation to places, objects and living things. Talk about features of their own immediate environment and how environments might differ. Make observations of plants and animals, explain why some things occur and talk about changes. Y3: Recognise that light from the sun can be dangerous and there are ways to protect their eyes. Y5: Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.</p>



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	<p><u>Communicating:</u> Present weather data in different ways to compare the seasons.</p>	<p>KS3: The seasons and the earth's tilt, day length at different times of the year in different hemispheres.</p> <p><u>Cross curricular links:</u> Maths: time and length of day. Reading simple scale-thermometer</p>
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