



Leamington Primary Science Knowledge Organiser Year 1 – Weather and Seasons



What I should already know	What I will learn	Important words to help me. (vocabulary)	Ideas for Scientific Enquiry																										
<p>* Name different types of weather. * Identify that weather changes throughout the year. * Name one or more of the four seasons.</p>	<p>What are four seasons? The four seasons include winter, spring, summer and autumn. What type of weather do we experience? We have lots of different weather such as; rain, wind, hail, snow, sleet, thunder, lightning etc.</p>	<table border="1"> <tr> <td>Weather</td> <td>The state of the atmosphere at a particular place and time as regards heat, cloudiness, dryness, sunshine, wind, rain, etc.</td> </tr> <tr> <td>Seasons</td> <td>Each of the four divisions of the year (spring, summer, autumn, and winter) marked by particular weather patterns and daylight hours.</td> </tr> <tr> <td>Winter</td> <td>The coldest season of the year, in the northern hemisphere from December to February and in the southern hemisphere from June to August.</td> </tr> <tr> <td>Spring</td> <td>The season after winter and before summer, in which vegetation begins to appear, in the northern hemisphere from March to May and in the southern hemisphere from September to November.</td> </tr> <tr> <td>Summer</td> <td>The warmest season of the year, in the northern hemisphere from June to August and in the southern hemisphere from December to February.</td> </tr> <tr> <td>Autumn</td> <td>The season after summer and before winter, in the northern hemisphere from September to November and in the southern hemisphere from March to May.</td> </tr> <tr> <td>Rainfall</td> <td>The quantity of rain falling within a given area in a given time.</td> </tr> <tr> <td>Temperature</td> <td>The degree or intensity of heat present.</td> </tr> <tr> <td>Weather gage</td> <td>An instrument that measures and gives a visual display of the amount, level, or contents of something.</td> </tr> <tr> <td>Adapt</td> <td>Become adjusted to new conditions.</td> </tr> <tr> <td>Migrate</td> <td>An animal, typically a bird or fish moves from one region or habitat to another according to the seasons.</td> </tr> <tr> <td>Months</td> <td>Each of the twelve named periods into which a year is divided.</td> </tr> <tr> <td>Hibernate</td> <td>An animal or plant that spends the winter in a dormant state.</td> </tr> </table>	Weather	The state of the atmosphere at a particular place and time as regards heat, cloudiness, dryness, sunshine, wind, rain, etc.	Seasons	Each of the four divisions of the year (spring, summer, autumn, and winter) marked by particular weather patterns and daylight hours.	Winter	The coldest season of the year, in the northern hemisphere from December to February and in the southern hemisphere from June to August.	Spring	The season after winter and before summer, in which vegetation begins to appear, in the northern hemisphere from March to May and in the southern hemisphere from September to November.	Summer	The warmest season of the year, in the northern hemisphere from June to August and in the southern hemisphere from December to February.	Autumn	The season after summer and before winter, in the northern hemisphere from September to November and in the southern hemisphere from March to May.	Rainfall	The quantity of rain falling within a given area in a given time.	Temperature	The degree or intensity of heat present.	Weather gage	An instrument that measures and gives a visual display of the amount, level, or contents of something.	Adapt	Become adjusted to new conditions.	Migrate	An animal, typically a bird or fish moves from one region or habitat to another according to the seasons.	Months	Each of the twelve named periods into which a year is divided.	Hibernate	An animal or plant that spends the winter in a dormant state.	<p>Use your observations to make tables and charts about the weather.</p> <p>Explore what happens in the world and around you focusing on the day length and seasonal change.</p> <p>Make a weather gage looking at either wind or rainfall.</p>
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<p>Interesting Facts</p> <p>Wind doesn't make sound until it blows against objects.</p> <p>The heaviest hailstone in history weighed 1kg.</p> <p>Seasons change the lifestyle of human and animals.</p> <p>Animals find winter hard because it is difficult to find food.</p> <p>Plants lose their leaves in autumn due to shorter days.</p>	<p>What are the key characteristics of each season and how does the weather change throughout the year?</p> <p>In autumn the amount of time it is light becomes less, the temperature drops and there is an increase of rain and wind. The leaves start to change colour and fall off the trees. In winter we have colder weather, sometimes snow and frost, the trees have no leaves and the amount of time it is light during the day is at its shortest. In spring the weather begins to get warmer but there are still many rain showers, trees begin to grow their leaves and plants start to flower. In summer the weather is usually warm, trees have full green leaves and the amount of time it is light for during the day is longer.</p>																												

