


Learning Organiser for Year 1 Science - Seasonal Changes

National Curriculum Summary Key Subject Concept		Key Questions								
<ul style="list-style-type: none"> Observe changes across the four seasons Observe and describe weather associated with the seasons and how day length varies. 		<ul style="list-style-type: none"> How does the weather/temperature change within a day/week/month/year? When are the seasons in England? Are seasons the same around the world? 								
Key Vocabulary	Definition	Key Facts								
Temperature	The measure of how hot something is.	<ul style="list-style-type: none"> The year is divided in four parts according to the weather and daylight hours. These are called seasons. Seasons happen at different times in the Northern Hemisphere (top half of the world) compared with the Southern Hemisphere (bottom half of the world). The names of the seasons are Spring, Summer, Autumn and Winter. They always follow the same order. It is not safe to look directly at the sun during any season. 								
Seasons	The parts a year is divided into.									
Weather	The conditions outside.									
Leaves	A flat and green organ growing from a stem.									
Working Scientifically Skills		Diagrams/Charts/Pictures								
<ul style="list-style-type: none"> Observing closely, using simple equipment Gathering and recording data to help in answering questions Use observations and ideas to suggest answers to questions 		 <table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td style="text-align: center;">Autumn</td> <td> <ul style="list-style-type: none"> Leaves begin to change colours to oranges, reds and browns and fall from the tree. </td> </tr> <tr> <td style="text-align: center;">Winter</td> <td> <ul style="list-style-type: none"> Trees are bare without leaves. Branches and twigs are most visible. </td> </tr> <tr> <td style="text-align: center;">Spring</td> <td> <ul style="list-style-type: none"> New leaves and buds begin to grow. </td> </tr> <tr> <td style="text-align: center;">Summer</td> <td> <ul style="list-style-type: none"> Trees appear full of leaves. </td> </tr> </tbody> </table>	Autumn	<ul style="list-style-type: none"> Leaves begin to change colours to oranges, reds and browns and fall from the tree. 	Winter	<ul style="list-style-type: none"> Trees are bare without leaves. Branches and twigs are most visible. 	Spring	<ul style="list-style-type: none"> New leaves and buds begin to grow. 	Summer	<ul style="list-style-type: none"> Trees appear full of leaves.
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Possible Experiences										
<ul style="list-style-type: none"> Keep a diary of weather and temperature over a long period and record on a chart. Take the temperature at different points during a day. Paint a picture of a tree at different times of the year. Match clothing to season in which it will be needed. Film a weather report. Create a class weather board. Predict the weather for the next day. Investigate seasons in the Southern Hemisphere Investigate animal behaviours during the seasons 										