



St Leo's and Southmead
Catholic Nursery and Primary
School

Year One
Science Knowledge Organiser
Summer Term

Amazing Activities
Make a weather station

Seasonal Changes

Key Concepts

- The year is split up into seasons called winter, spring, summer and autumn
- Each season has different weather, there are a different number of hours of daily sunlight in each season and our outside world looks different in each season
- When it is winter in the northern hemisphere it is summer in the southern hemisphere
- Animals behave differently in each season (eg, hibernation) and plants can change (lose leaves, blossom)

Key Vocabulary

Seasons - Four seasons which last 3 months - Winter/Spring/Autumn/Summer

Winter - December, January and February

Spring - March, April and May

Summer - June, July and August

Autumn - September, October, November

Weather - What it is like outdoors, for example, sunny, windy, rainy etc

Northern Hemisphere - Above the equator

Southern Hemisphere - Below the equator

Skills

Ask simple questions and recognise that they can be answered in different ways.

Observe closely, using simple equipment.

Perform simple tests.

Identify and classify.

Use their observations and ideas to suggest answers to questions.

Gather and record data to help

Autumn	<ul style="list-style-type: none"> Temperatures get progressively colder The weather is very changeable 12 hours of light per day on average.
Winter	<ul style="list-style-type: none"> Temperatures are at their coldest 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. 8 hours of light per day on average.

Curriculum Links

English - Speaking & listening, writing sentences.

Maths - statistics

Geography - weather and equator

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Making a weather station

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