

Pinvin C of E First School Knowledge Organiser

Year 1- Science

Seasonal Change Winter-Spring



Key Skills

- I can observe the changes across the four seasons.
- I can observe and describe weather associated with the different seasons and how day length varies.



Key Vocabulary

Seasons	There are four seasons each year. Autumn, winter, spring and summer.
Winter	In winter, the weather is colder. Sometime it is cold enough to freeze, leaving frost and ice on the ground. It sometimes snows. Many trees have bare branches as their leaves have fallen off. The daytimes are the shortest in the year and the night times are the longest.
Spring	In spring, the weather starts to get warmer. The leaves begin to grow on the trees and some trees may blossom (have flowers). Plants begin to grow and you may see baby animals like lambs and chicks. The daytime starts to get longer.
Weather	The weather includes the temperature outside, the wind direction and strength, as well as rain, cloud, snow and sun.
Daylight	Daylight is when it is light outside. The amount of daylight changes with each season.

Key Facts and Knowledge:

- As the Earth travels around the sun, over the course of a Year, the Earth either tilts towards or away from the sun.
- When the Earth is tilting towards the Sun, we have Spring and Summer. When the Earth is tilting away from the Sun we have Autumn and Winter.
- The day lengths get shorter during the Winter months and begin to brighten up again towards the Spring time.
- Spring signals the arrival of new plants, flowers and blossom on trees.

Learning Sequence:

- To look at the changes from Winter to Spring by observing environmental changes.
- To grow some plants from seed.
- To look after and care for some already established plants.
- To identify the difference in weather and day length.
- To identify the different clothes worn as the weather changes from Winter to Spring.

Daylight hours each month:

Month	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug
Hours of Daylight	13	11	9	8	8	10	12	14	15	16	16	14

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