

# SCIENCE: YEAR 1 – SEASONAL CHANGES

## Key Vocabulary

Seasons	There are four seasons each year, Autumn, Winter, Spring and Summer.
Autumn	In Autumn the weather begins to get colder. The leaves start to fall from the trees. The amount of daylight becomes less. This means the daytimes are shorter and the nights are longer.
Winter	In Winter the weather is much colder. Sometimes it is cold enough to freeze, leaving frost and ice on the ground. It sometimes snows. Many trees have bare branches as all their leaves have fallen off. The daytimes are the shortest in the year and the nights are the longest.
Summer	In Summer the weather is much hotter. This is where trees are green and full of leaves. The daytimes are much longer and the nights are shorter than any other time of year.
Spring	In Spring the weather is warmer. The trees and flowers begin to blossom. The days become longer and the nights begin to get shorter. We also see the sun more but it can still rain often.
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.
Cloud	Clouds are tiny bits of water in the sky. There are three types of clouds, Cirrus, Cumulus and stratus.

## Objectives

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

## Types of clouds



This is a cirrus cloud which is long and thin. These clouds are light and fluffy. They are found very high in the sky and can be found when the weather is nice.



This is a cumulus cloud which is fluffy and looks like lots of clouds piled on top. If they are white and there is only a few of them it will not rain yet. They can also be grey and look heavy, if they are then it is going to rain soon.



This is a stratus cloud, they cover the sky and look like lots of layers. They carry rain.

## Seasons



- September
- October
- November



- March
- April
- May



- June
- July
- August



- December
- January
- February

## 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