

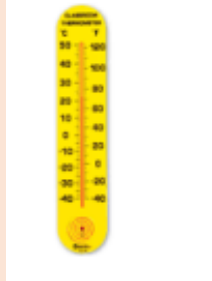


# Science- Physics/Biology

## Key Vocabulary

WORD	DEFINITION
autumn	a season between September and November
climate	What the weather is usually like in a given place over a long time
harvest	the time in the autumn when farmers collect all the ripe food, like fruits, vegetables, and grains, that they grew during the summer
heatwave	a period of time when the weather is much hotter than usual for that specific place and time of year.
hibernate	When animals sleep through winter and wake up in spring
season	These are the 4 parts of the year that have particular weather patterns and hours of daylight.
spring	a season between March and May
summer	a season between June and August
sun protection	a combination of methods to shield their sensitive skin from the sun's harmful ultraviolet (UV) rays
temperature	How hot or cold it is
weather	How hot, cold, windy, wet or dry it is outside.

## Measuring different types of weather:

<b>An <u>anemometer</u> measures wind</b> 	<b>A <u>rain gauge</u> measures rain</b> 	<b>A <u>thermometer</u> measures temperature</b> 
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# Weather and Seasons

Year 2/3



## What I should already know?

There are hot and cold places on the earth.  
 The weather changes over the year.  
 There are 4 seasons.  
 The Seasons are Spring, Summer, Autumn, Winter.  
 The Seasons occur in a cycle.



## Key Knowledge

### Weather symbols



### Weather maps



### AUTUMN FEATURES



**Harvest time** is in this season.  
 Temperatures drop. Skies can be **overcast**.  
 Birds **migrate** to warmer climates.  
 Leaves change colour and fall from **deciduous** trees.

### WINTER FEATURES



The coldest time of year. We sometimes see **snow**, **frost** in the morning, **sleet**, **blizzards**, and **hail**.  
 Water freezes to ice. Many plants stop growing.  
 Some animals including **hedgehogs** and **tortoises** **hibernate**.

### SPRING FEATURES



In this season temperatures rise and the earth starts to warm up. Flowers begin to grow. This season is associated with rebirth and growth, some baby animals are born (e.g. lambs, chicks)

### SUMMER FEATURES



The hottest time of the year. There is usually sunshine, generally dry weather but there may be thunderstorms too!  
 Flowers and trees are in **bloom**.