

KQ: Why does the weather change?

Topic: Seasonal Changes Spring and Summer

Year Group: 1

**What I should already know:**

1. There are times when it is hot outside and there are times when it is cold outside.
2. The **months** of the **year**.

**What I will know by the end of the unit:**

**What is a season?**

There are four seasons:  
**Autumn** – September, October, November



**Winter** – December, January, February



**Spring** – March, April, May



**Summer** – June, July, August



**What happens in autumn?**

The **temperature** begins to fall, which means it gets **colder**.

The leaves on **deciduous** trees change colour and begin to fall to the ground.

The days get shorter and the nights get longer.

In the **autumn**, there are events such as Halloween and Bonfire Night. People collect **conkers**.



conkers

The **weather** may be **slightly sunny, windy** or **rainy**. There are more **clouds** in the sky during **autumn** compared to the summer.

The clothes you might wear include t-shirts and shorts on **sunnier** and **warmer** days, and woolly hats and scarves on **colder** days - especially as it gets closer to **winter**.



sunny



windy



rainy

**What happens in winter?**

As the **seasons** change from **autumn** to **winter** it gets **colder** still - this is because the **temperature** has fallen.



Sometimes, it can **freeze** overnight and in the mornings, there may be **ice** and **frost**.

**Deciduous** trees have completely lost their leaves and the branches are bare.

The days get shorter and the nights get longer.

**Winter** has the shortest days and the longest nights of all the **seasons**.

**Vocabulary:**

New vocabulary will be listed in green.

Autumn	<b>Autumn</b> is the <b>season</b> between <b>summer</b> and <b>winter</b> when the <b>weather</b> becomes <b>colder</b> and the leaves fall off the trees
Chilly	Very cold
Cold	If it is cold, the temperature is very low
Conkers	round brown nuts which come from horse chestnut trees
Day length	The amount of time where there is daylight.
Day light	<b>Daylight</b> is the natural light that there is during the day, before it gets dark
Deciduous	a <b>tree</b> that loses its leaves in the autumn every year
Freeze	When it <b>freezes</b> outside, the <b>temperature</b> falls below 0 degrees
Frost	the ground becomes covered in <b>ice</b> crystals
Hibernate	Animals that <b>hibernate</b> spend the winter in a state like a deep sleep
Ice	<b>Ice</b> is <b>frozen water</b>
Migrate	when animals move at a particular <b>season</b> from one part of the world to another
Months	one of the twelve times of time that a <b>year</b> is divided into
Nature	the animals, plants, and other things in the world that are not made by people
Rain	<b>Rain</b> is water that falls from the clouds in small drops
Season	the main times of <b>year</b> which can be divided and which have their own typical <b>weather</b>
Slightly	a little bit
Snow	soft white bits of <b>frozen</b> water that fall from the sky in <b>cold weather</b>
Spring	the <b>season</b> between <b>winter</b> and <b>summer</b> when the <b>weather</b> becomes <b>warmer</b> and plants start to grow again
Summer	the <b>season</b> between <b>spring</b> and <b>autumn</b> when the <b>weather</b> is usually <b>warm</b> or hot
Sunny	when the sun is shining brightly
Temperature	a measure of how hot or cold something is
Warm	when there is some heat but not enough to be hot
Weather	What the sky and air outside are like, such as <b>cold</b> or <b>sunny</b> .
Windy	when the wind is blowing
Winter	the <b>season</b> between <b>autumn</b> and <b>spring</b> when the <b>weather</b> is usually <b>cold</b>

**What I will know by the end of the unit:**

**What happens in winter?**

In the **winter**, there are events such as Christmas and Valentine's Day.

Things people might do are build snowmen, eat warm foods like stews and soups and light fires.



ice



frost

The **weather** may be **windy, rainy** and **chilly**. Sometimes it also **snows**.

The clothes you might wear include **warm** coats, jumpers, woolly hats and scarves on **colder** days.



coat



jumper



scarf



gloves