

**What should I already know?**

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

**Vocabulary**

|             |  |
|-------------|--|
| 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 <b>cold</b>   |
| cold        | If it is <b>cold</b> , the <b>temperature</b> is very low  |
| conkers     | round brown nuts which come from horse chestnut trees  |
| day length  | the amount of time where there is daylight.  |
| daylight    | <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 frozen water   |
| 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>   |

**Investigate!**

Go on an **autumn nature** walk - what signs of **autumn** can you spot?

Measure the **temperature** every day - what do you notice about the difference in **temperature** from the start of the unit to the end?

Match events to the **seasons** they happen in? What is **weather** like during these events (e.g. Christmas Day, Halloween, Bonfire Night?)

Discuss why it is good that fireworks happen in the **autumn**. What would happen if the happened in the **summer**?

Discuss what happens when the children go home from school in the **autumn** and **winter** - what do they notice about daylight? Compare this to what happens in the **summer**.

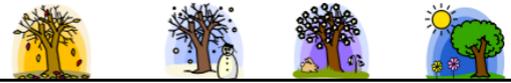
Analyse simple graphs that show how **day length** changes throughout the seasons.

Research animals that **hibernate** or **migrate** in **winter months**.

**What will I 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 the **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.  
Things people might do are rake leaves, pick blackberries and collect **conkers** and pine cones.



autumn



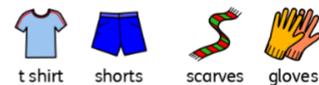
blackberries pine cones conkers

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



sunny windy rainy

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**.



t shirt shorts scarves gloves

What happens in the **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**.



winter



ice



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**.

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.



soup stew snowmen

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

