



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 | Autumn is the season between summer and winter when the weather becomes colder 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. |
| daylight | Daylight is the natural light that there is during the day, before it gets dark |
| deciduous | a tree that loses its leaves in the autumn every year |
| freeze | When it freezes outside, the temperature falls below 0 degrees. |
| frost | the ground becomes covered in ice crystals |
| hibernate | Animals that hibernate spend the winter in a state like a deep sleep |
| ice | Ice is frozen water |
| migrate | when animals move at a particular season from one part of the world to another |
| months | one of the twelve times of time that a year is divided into |
| nature | the animals, plants, and other things in the world that are not made by people |
| rain | Rain is water that falls from the clouds in small drops |
| season | the main times of year which can be divided and which have their own typical weather |
| slightly | a little bit |
| snow | soft white bits of frozen water that fall from the sky in cold weather |
| spring | the season between winter and summer when the weather becomes warmer and plants start to grow again |
| summer | the season between spring and autumn when the weather is usually warm 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 cold or sunny . |
| windy | when the wind is blowing |
| winter | the season between autumn and spring when the weather is usually cold |

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



autumn



winter



spring



summer

What happens in the **autumn**?



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.



blackberries



pine cones



conkers

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



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**?



winter



ice



frost

- 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**.
- 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



| Question 1: Leaves begin to fall from some trees in.... | Start of unit: | End of unit: |
|---|----------------|--------------|
| spring | | |
| summer | | |
| autumn | | |
| winter | | |

| Question 2: The weather in winter is usually....(tick two) | Start of unit: | End of unit: |
|--|----------------|--------------|
| sunny | | |
| rainy | | |
| cold | | |
| hot | | |

| Question 3: In which season are you more likely to wear a coat, woolly hat and scarf? | Start of unit: | End of unit: |
|---|----------------|--------------|
| spring | | |
| summer | | |
| autumn | | |
| winter | | |

| Question 4: It always snows in winter....true or false? | Start of unit: | End of unit: |
|---|----------------|--------------|
| true | | |
| false | | |

| Question 5: Complete this sentence with the words short and long to make it true. | Start of unit: | End of unit: |
|---|----------------|--------------|
| <p>In the winter, the days are _____ and the nights are _____.</p> <p>short</p> <p>long</p> | | |