### 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

- **What happens in the autumn?**
  - The temperature beings 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.

- **What happens in the winter?**
  - The weather may be slightly sunny, windy or rainy. There are more clouds in the sky during autumn compared.
  - The clothes you might wear include t-shirts and shorts on summer and warmer days, and woolly hats and scarves on colder days - especially as it gets closer to 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.
  - 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.

### What happens in the summer?
- Go on an ice day - what do you notice about daylight? Compare this to what happens in the winter.
- 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.
<table>
<thead>
<tr>
<th>Question 1: Leaves begin to fall from some trees in...</th>
<th>Start of unit:</th>
<th>End of unit:</th>
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<tbody>
<tr>
<td>spring</td>
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<td>summer</td>
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<td>winter</td>
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<thead>
<tr>
<th>Question 2: The weather in winter is usually... (tick two)</th>
<th>Start of unit:</th>
<th>End of unit:</th>
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<tbody>
<tr>
<td>sunny</td>
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<td>rainy</td>
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<td>cold</td>
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<tr>
<th>Question 3: In which season are you more likely to wear a coat, woolly hat and scarf?</th>
<th>Start of unit:</th>
<th>End of unit:</th>
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<tbody>
<tr>
<td>spring</td>
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<thead>
<tr>
<th>Question 4: It always snows in winter... true or false?</th>
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<tbody>
<tr>
<td>true</td>
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<tr>
<td>false</td>
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<tr>
<th>Question 5: Complete this sentence with the words short and long to make it true.</th>
<th>Start of unit:</th>
<th>End of unit:</th>
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<tr>
<td>In the winter, the days are _______ and the nights are __________.</td>
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<td></td>
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<tr>
<td>short</td>
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<tr>
<td>long</td>
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