



Topic: Seasonal Changes

Year 1

Strand: Physics

Key knowledge

| | |
|---|--|
| There are 4 seasons | <ul style="list-style-type: none"> • Spring • Summer • Autumn • winter |
| Autumn happens in September, October and November |  |
| Winter happens in December, January and February |  |
| Spring happens in March, April and May |  |
| Summer happens in June, July and August |  |

What I should know by the end of this unit:

- Changes happen to the environment during different seasons
- There are different types of weather in different seasons as well as different lengths of day which can be described & compared

Key Vocabulary

| Spelling | definition |
|-----------|---|
| blizzard | A powerful snowstorm |
| deciduous | A tree that sheds (looses) leaves every winter |
| frost | Ice that is formed when water vapour freezes on a surface |
| hail | Small lumps of ice and snow |
| harvest | The time for gathering crops |
| hibernate | A time when some animals go to sleep in a safe place to stay warm during winter |
| migrate | Some animals and birds travel to different places where the weather is warmer |
| season | The year is broken into 6 season: spring, summer, autumn and winter |
| sleet | Frozen or partly frozen rain |

The length of the day changes during the seasons. There are still 24 hours in a day but the time the sun rises and sets changes

| | |
|-----------------|---|
| Autumn features | <ul style="list-style-type: none"> • Harvest time is in this season. • Temperatures drop and it gets dark earlier because there is less sunlight. • Skies can be overcast. • Birds migrate to warmer climates • Leaves change colour and start to fall from some trees. • Animals begin storing up food for the winter. |
| Winter features | <ul style="list-style-type: none"> • The coldest time of the year. • There are less and less hours of daylight. • We sometimes see snow, frost in the morning, sleet, blizzards and hail. • Water freezes to ice • Many plants stop growing. • Some trees lose all their leaves. • Some animals including hedgehogs and tortoises hibernate. |
| Spring features | <ul style="list-style-type: none"> • In this season temperatures rise and the ground starts to warm up. Flowers begin to grow. This season is associated with rebirth and growth. • Some baby animals are born e.g. lambs and chicks |
| Summer features | <ul style="list-style-type: none"> • The hottest time of the year • There is usually sunshine and generally dry weather but there may be thunderstorms too. • Flowers and trees are in bloom. |



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| Leaves begin to fall in ... | Start of unit | End of unit |
|-----------------------------|---------------|-------------|
| spring | | |
| summer | | |
| autumn | | |
| winter | | |

| Complete the sentence with the words short and long to make it true. | Start of unit | End of unit |
|--|---------------|-------------|
| In summer the days are _____ and in winter the days are _____ | | |

| The weather in summer is usually ...? Tick 2 | Start of unit | End of unit |
|--|---------------|-------------|
| Sleet | | |
| Sunshine | | |
| frosty | | |
| hot | | |

| The weather in winter is usually ...? Tick 2 | Start of unit | End of unit |
|--|---------------|-------------|
| sunny | | |
| rainy | | |
| cold | | |
| hot | | |