
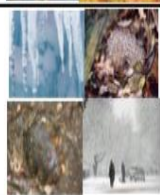




| Colney Heath School ~ Science | | | | | | | | | | | | | | | | | | | | |
|---|--|---|--|--|---|---------------------------------|--------------------|------|---|--------|--|---------|--|----------------------------------|----------------------------------|-------------------|----------------------------------|--|--|--|
| Topic: Seasons | | Year: 1 | | | Strand: Earth science | | | | | | | | | | | | | | | |
| What should I already know? | | Diagrams | | | Vocabulary | | | | | | | | | | | | | | | |
| <p>It feels colder or warmer at certain times of the year. Plants and trees change the way they look during certain times of the year, for example, some trees lose their leaves during cold times of the year. The names of the seasons (winter, summer, spring and autumn).</p> | | AUTUMN FEATURES |  | <p>Harvest time is in this season. Temperatures drop. Skies can be overcast. Birds migrate to warmer climates. Leaves change colour and fall from deciduous trees.</p> | Autumn | September, October and November | | | | | | | | | | | | | | |
| | | WINTER FEATURES |  | <p>The coldest time of year. We sometimes see snow, frost in the morning, sleet, blizzards, and hail. Water freezes to ice. Many plants stop growing. Some animals including hedgehogs and tortoises hibernate.</p> | Winter | December, January and February | | | | | | | | | | | | | | |
| | | SPRING FEATURES |  | <p>In this season temperatures rise and the earth starts to warm up. Flowers begin to grow. This season is associated with rebirth and growth, some baby animals are born (e.g. lambs, chicks)</p> | Spring | March, April and May | | | | | | | | | | | | | | |
| | | SUMMER FEATURES |  | <p>The hottest time of the year. There is usually sunshine, generally dry weather but there may be thunderstorms too! Flowers and trees are in bloom.</p> | Summer | June, July and August | | | | | | | | | | | | | | |
| | | <p>Scientific Inquiry Vocabulary</p> <table><tr><td>Properties</td><td>A way of describing something.</td></tr><tr><td>Observe</td><td>To look carefully.</td></tr><tr><td>Test</td><td>When we have a question we can find out whether it is true by testing it.</td></tr><tr><td>Record</td><td>To write down numbers, words or draw pictures about what we have observed from a test.</td></tr><tr><td>Sorting</td><td>Putting objects into groups based on their properties.</td></tr><tr><td>Click or tap here to enter text.</td><td>Click or tap here to enter text.</td></tr><tr><td>Click or tap here</td><td>Click or tap here to enter text.</td></tr></table> | | Properties | A way of describing something. | Observe | To look carefully. | Test | When we have a question we can find out whether it is true by testing it. | Record | To write down numbers, words or draw pictures about what we have observed from a test. | Sorting | Putting objects into groups based on their properties. | Click or tap here to enter text. | Click or tap here to enter text. | Click or tap here | Click or tap here to enter text. | | | |
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| Click or tap here | Click or tap here to enter text. | | | | | | | | | | | | | | | | | | | |
| | | | Overcast | The sky is covered with grey clouds. | | | | | | | | | | | | | | | | |
| | | | Migrate | Living things such as birds will move to another habitat that is warmer. | | | | | | | | | | | | | | | | |
| | | | Hibernate | Some animals such as hedgehogs and tortoises will spend winter in a dormant (sleeping like) state. | | | | | | | | | | | | | | | | |
| | | | Temperature | How hold or cold something is. | | | | | | | | | | | | | | | | |
| | | | Bloom | When plants produce flowers. | | | | | | | | | | | | | | | | |
| | | | Click or tap | Click or tap here to enter text. | | | | | | | | | | | | | | | | |
| The Big Idea | | | | | By the end of our project we will know that | | | | | | | | | | | | | | | |

Earth science

E1: The Earth is one of eight planets that orbit the sun.

E2: The Earth is tilted and spins on its axis leading to day and night, the seasons and the climate.

E3: The Earth is made up of several layers, including a relatively thin rocky surface which is divided into tectonic plates, and the movement of these plates leads to many geologic events (such as earthquakes and volcanoes) and geographical features (such as mountains.)

There are four seasons in one year (winter, spring, summer and autumn).

Temperatures change from one season to the next. Some plants and trees will look different depending on the season (flowers usually bloom in spring).

Some animals behave differently during some seasons such as migrating or hibernating during winter.

| | | |
|---------------------------|---|--|
| Summer solstice |  | The longest day of the year. In the UK it falls on June 21 st . |
| Winter solstice |  | The shortest day of the year. In the UK it falls on December 21 st . |
| Spring and Autumn Equinox |  | There is an equal amount of daylight and night. |

