





| Key vocabulary | |
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| Plants | A living thing that grows in the earth and has a stem, leaves, and roots. |
| Warmth | The flow of energy from a hotter object to a cooler object. |
| Evergreen | A plant that has leaves throughout the year. |
| Deciduous | A plant that loses its leaves at some point during the year. |
| Bud | New growth on a plant. |
| Leaf | Outgrowth from the stem of a plant. |
| Branch | Growth from the trunk. |
| Root | Water absorbing part of the plant which is underground. |
| Stem | Part of the plant that carries water and supports the plant. |
| Humidity | The amount of water in the air. |
| Cloudy | When the sky is not clear. |
| Droplet | A drop of liquid. |
| Blizzard | A snow storm. |
| Clear | When there are no clouds. |

| Key Knowledge | |
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| Preceding | <p>Some general knowledge children might have:</p> <ul style="list-style-type: none"> Plants are living things Most plants are outside, but some can live inside. Plants need water to live. There are 4 seasons. |
| Current | <ul style="list-style-type: none"> A deciduous tree loses its leaves at some point during the year- an example is an oak tree. An evergreen tree never loses its leaves like a conifer tree. Say the names of a variety of common deciduous and evergreen trees. A tree has roots, a trunk, branches and leaves. A plant has roots, a stem and leaves. There are 4 seasons- winter, spring, summer and autumn. The weather is different in these seasons. Plants and animals behave differently in different seasons. During these seasons the length of the day will be different. |

| Scientific Enquiry | |
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| Identifying and classifying | <p>How can we sort/group different leaves?</p> <p>How would you group plants/trees based on which season you are most likely to see them?</p>  |
| Comparative testing | <p>In which season does it rain the most?</p> <p>In which seasons do we get the most hours of day light?</p>  |
| Observing over time | <p>How does the temperature change throughout the year?</p> <p>How does a plant change over a week?</p>  |
| Pattern Seeking | <p>Do bigger trees lose their leaves first in autumn?</p>  |