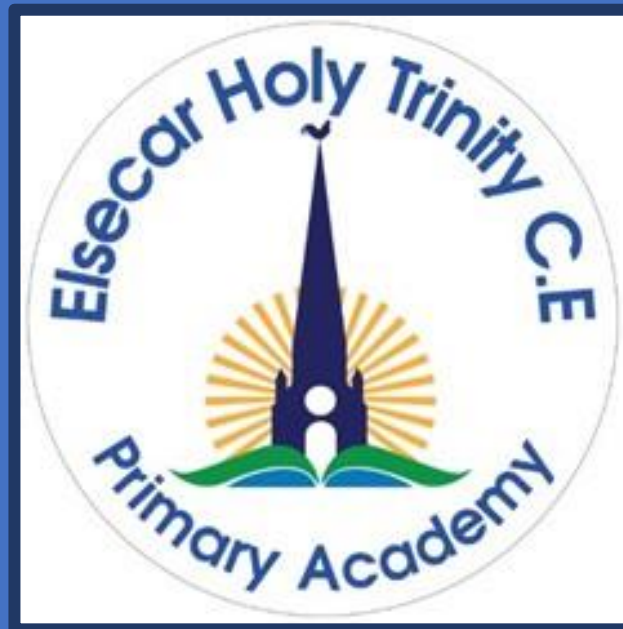


# Plants






Early Learning Goal	Characteristics of Effective Learning	Plants
<p><b>Understanding the World</b></p> <ul style="list-style-type: none"> <li>Explore the natural world around them, making observations and drawing pictures of animals and plants;</li> <li>Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class</li> <li>Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</li> </ul>	<p><b>Playing and Exploring</b></p> <ul style="list-style-type: none"> <li>Respond to new experiences that you bring to their attention.</li> </ul> <p><b>Active Learning</b></p> <ul style="list-style-type: none"> <li>Use a range of strategies to reach a goal they have set themselves.</li> </ul> <p><b>Creating and thinking critically</b></p> <ul style="list-style-type: none"> <li>Know more, so feel confident about coming up with their own ideas. Make more links between those ideas.</li> </ul>	<p>Know that plants need <b>energy</b> to live, just like people do</p> <p>Know that a <b>habitat</b> is a home for a living thing</p> <p>Know that plants get their energy from the <b>sun</b> and from the <b>soil</b></p> <p>Know and recall the different parts of a plant; roots, petals, stem and <b>leaves</b></p> <p>Make observations of plants and know the purpose of: <b>roots, petals</b> and <b>stem</b></p> <p>Understand and <b>observe</b> how plants change and <b>grow over time</b></p> <p>Know that some plants <b>look, feel</b> and <b>smell</b> different and notice similarities and differences between plants and <b>seeds</b></p> <p>Understand that plants grow in different places and different <b>seasons</b></p> <p>Identify which plants are in their own immediate <b>environment</b> and how this is different in other environments</p> <p>Know which plants grow in a warm environment and that is why they need to be grown in the warm polytunnel.</p> <p>Know that plants grow from seeds or bulbs</p> <p>Know how to plant seeds and provide them with water regularly.</p> <p>Know that seeds don't grow unless they have <b>warmth, air, water and soil</b> to grow in.</p> <div data-bbox="1041 981 1198 1189" data-label="Image"> <p>The diagram shows a cross-section of a plant. At the top is a red flower with yellow centers. Below it is a green stem with two green leaves. At the bottom, the roots are shown in the soil. Labels with lines pointing to each part are: 'flower' (top), 'stem' (middle), 'leaf' (side), and 'roots' (bottom).</p> </div> <p>Exploring autumn leaves - collect leaves and study.</p> <p>Using songs to recall different parts of plants <a href="https://www.youtube.com/watch?v=cRhGOdgWlIo">https://www.youtube.com/watch?v=cRhGOdgWlIo</a></p>

### Continuous Provision Opportunities

- Creative area – boxes of plant pots to make own plants split into different parts of plants
- Playdough area – different size seeds to compare
- Construction area – how tall can you build a beanstalk?
- Maths area – measuring heights of plants, weight and size of seeds
- Observation area – reporting on growth and change
- Planting area – planting beans, sunflower seed challenge, watching the growth of plants
- Investigation area – ‘I see, I think, I wonder’
- Literacy area – templates to label parts of the plant
- Outdoor area – opportunities to observe, compare and discuss plants, environments and habitats

### Direct Teaching of Vocabulary

	 <b>Anchor words</b>	 (not too easy, not too hard, just right) <b>Goldilocks words</b>	 <b>Step on words</b>
<b>nouns</b>	Soil Leaves seeds	Habitat Roots Petals Stem	Energy Season environment
<b>verbs</b>	Look Feel smell	Measure plant	Observe
<b>adjectives</b>	small big	beautiful colourful	Fragrant

