

Topic:	Year group	Term
Plants (Planting c)	1	Summer 1

Background knowledge

This will be an outdoor learning opportunity. A visit to a woodland would be preferred as well as using the school grounds.

Charles Darwin box of resources available.

Growing locally, there will be a vast array of plants with specific names. These can be identified by looking at the key characteristics of the plant. Plants have common parts, but they vary between the different types of plants. Some trees keep their leaves all year while other trees drop their leaves in Autumn and grow them again during Spring.

Common misconceptions

- Plants are flowering plants grown in pots with coloured petals and leaves and a stem.
- Trees are not plants.
- All plants are green.
- All stems are green.
- A trunk is not a stem.
- Blossom is not a flower.

What should I already know?

Nursery

I will plant a seed and care for it.

I will explore Spring

Plant seeds and care for growing plants.


Reception

I will name the features of a flower.

Explore the natural world around them, making observations and drawing pictures of animals and plants.

Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter


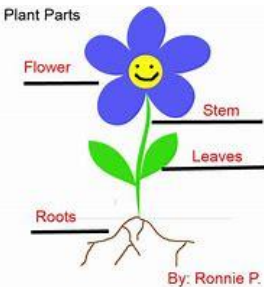




Explore the natural world around them.

National Curriculum Objectives / Key Skills	The Journey
<ul style="list-style-type: none"> • Identify and describe the basic structure of a variety of common flowering plants, including trees. • Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. <p><u>Working scientifically</u></p> <p>Identifying and classifying.</p> <p>Observing closely, using simple equipment.</p> <p>Gathering and recording data to help in answering questions</p> <p>Using their observations and ideas to suggest answers to questions</p> <p><u>Scientific enquiry</u></p> <div data-bbox="92 1220 766 1451">  </div>	<ol style="list-style-type: none"> 1. Plant parts 2. Tree parts 3. Wild and garden plants 4. Plants in my local area 5. Deciduous trees 6. Evergreen trees 7. Trees in my local area

Outcomes
<p><i>An overview of what children will know / can do</i></p> <p>Working towards: I can name some parts of a flowering plant and tree. I can identify and name some common plants. I can make simple observations. With support, I can sort and group living things.</p>

Expected: I can name the parts of a flowering plant and tree. I can identify and name common plants and know the difference between deciduous and evergreen trees. I can make simple observations using appropriate language to describe them. I can sort and group living things.

Exceeding: I can confidently name the parts of a flowering plant and tree. I can confidently identify and name a range of common plants and can describe the difference between deciduous and evergreen trees. I can make observations using scientific language to describe them. I can sort and group living things confidently.

Key Vocabulary	Timeline / Diagrams
<p>Plant - a living thing that grows</p> <p>Flower - the part of the plant that is often brightly coloured</p> <p>Tree - a plant with a woody main stem</p> <p>Root - grows underground on a plant</p> <p>Stem - keeps the plant upright</p> <p>Leaf - usually green growing off the stem</p> <p>Petal - colourful part of the flower</p> <p>Trunk - a tree stem</p> <p>Branch - grows off the top of the trunk</p> <p>Twig - a small branch</p> <p>Deciduous - shed their leaves in autumn</p> <p>Evergreen - green all year round</p> <p>Names of plants in school grounds and woodlands</p> <p>Observe - to look at something closely</p> <p>Sort - to put into groups with likenesses</p> <p>Compare - to see how things are alike or different</p> <p>Properties - a way of describing an object</p>	     

Key people / places
<p>Famous scientist- Charles Darwin (not evolution)</p> <p>STEM jobs- botanist.</p>

Assessment questions / outcomes

Can you name these plants?

Can you name the parts of a tree?

Can you explain the difference between deciduous and evergreen?

Can you name the parts of a flowering plant?

Can you identify plants and trees from the woodland?