



Plants

Year 1

Knowing More, Remembering More

Remembering previous learning

What is a plant? A plant is a living thing that usually grows in soil.

What are the main parts of a plant? Some plants have roots, a stem, leaves and flowers.

What is a seed? A seed can be planted to grow into a new plant.

What happens to a plant when it grows? The stem will grow in length. It will grow new leaves. The roots will become longer. Some plants will grow flowers.

In this unit children will:

- 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.

Working Scientifically:

- 1.6 Observe closely
- 1.8 Gather and record Simple data.
- 1.9 Sort objects and living things into groups based on simple properties.
- 1.12 Answer simple questions.

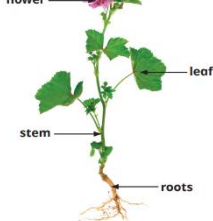
Key Learning Steps:

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

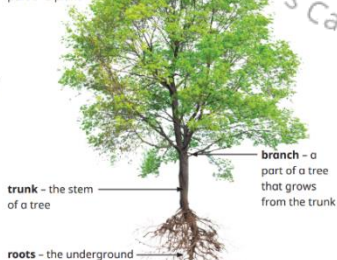
Key Vocabulary:

plant – a living thing that usually grows in soil

flower



leaf – the flat, usually green part of a plant



trunk – the stem of a tree

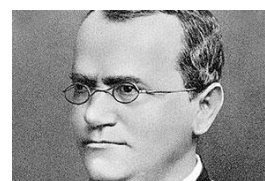
roots – the underground

branch – a part of a tree that grows from the trunk

- fruit
- wildflower
- daisy
- garden plant
- sunflower
- nettle
- buttercup

- dandelion
- deciduous tree
- leaf
- horse chestnut
- oak
- sycamore
- evergreen tree
- pine
- holly
- branch
- needles

Key Scientists:



Classic

Gregor Mendel (1822 – 1884)

Czechoslovakian scientist and priest who studied genetics in plants.



Classic

George Forrest (1873 – 1932)

Scottish botanist who studied biodiversity in places including China.



Contemporary

Monique Simmonds
Director of Science and researcher at The Royal Botanic Gardens, Kew.

Knowing More, Remembering More

Knowing more in Y1

What are the main parts of flowering plants? Flowers, stems, roots and leaves.

What are trees? Trees are a type of plant that has roots, a trunk, branches and leaves. Some trees have fruit.

What are wildflowers? Plants that have not been planted by humans.

What are garden plants? Plants that have been chosen by humans to grow in their gardens.

What are deciduous trees? Trees that lose their leaves in autumn.

What happens to the leaves on deciduous trees? They change colour in the autumn and then fall to the ground.

What are evergreen trees? Trees that keep their leaves all year round.