

Prior Learning

- Explore the natural world around them, making observations and drawing pictures of animals and plants (EYFS)
- 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 (EYFS)
- Understand some important processes and changes in the natural world around them, including the seasons (EYFS)

Key Learning

A deciduous tree loses leaves in Autumn, but in Spring will grow new buds, which will grow into leaves.

An evergreen tree will not lose its leaves in the Autumn. Its leaves are often shiny.

A plant has a stem, roots, leaves and sometimes a flower with petals.

A tree has a trunk, roots, leaves and branches. Some trees have flowers.

Seeds need water, light and warmth to grow well. They get light and warmth from the sun.

A wild plant grows where a seed falls. It does not need to be cared for as it grows.

A garden plant is a plant that someone chooses to grow in their garden.

A weed is a wild plant that grows in places where people do not want them.

Key vocabulary

Petal	Petals are the colourful part of the flower.
Roots	Roots take in water and nutrients from the soil. It grows underground.
Stem	The stem holds the plant up. It carries water and nutrients from the roots to the leaves and flowers.
Leaves	The thin, usually green parts that grow out on the stem. They catch sunlight and make energy.
Flower	The flower is the colourful part at the top of the stem. It attracts the bees and insects.
Fruit	The fruit contains the seed.
Seed	Seeds grow into new plants.
Bulb	Bulbs grow into new plants.
Deciduous	A deciduous tree loses its leaves each year.
Evergreen	An evergreen tree keeps its leaves all year round.

Wild Plants






Garden Plants

Trees



Scientific skills

By the end of the year, children should be able to ...

-  Ask simple questions
- Observe closely
- Perform simple tests
- Identify and classify
-  Use observations to suggest answers to questions
-  Gather and record data

Opportunities for scientific enquiry within the unit:

- Plant and grow seeds
- Visit the wooded area on the school field identifying trees and plants.

