

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.

