

# Merry Hill Infant School and Nursery - Knowledge organiser

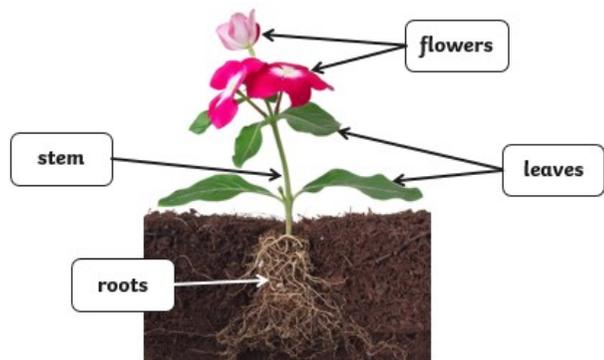
## Science

Topic: Plants

Year Group : 1

Term: Spring 2/ Summer 1

### Key Knowledge

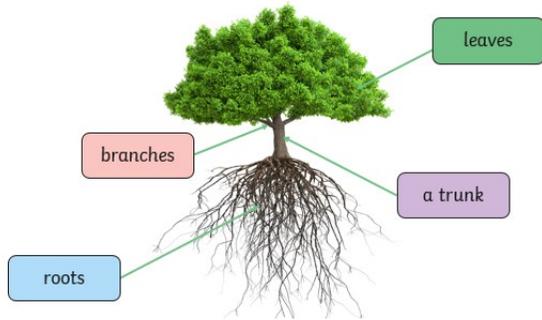
|                                       |  |
|---------------------------------------|--|
| <p>What are the parts of a plant?</p> |  <p>A diagram of a pink flower plant with labels: 'flowers' pointing to the top, 'stem' pointing to the central stalk, 'leaves' pointing to the green leaves, and 'roots' pointing to the underground system in the soil.</p> |
| <p>Garden plants</p>                  |  <p>Four small images of garden plants with labels below them: sunflower, daffodil, lavender, and tulip.</p>   |
| <p>Wild plants</p>                    |  <p>Four small images of wild plants with labels below them: dandelion, daisy, buttercup, and bluebells.</p>  |

### Key Vocabulary

|                          |   |
|--------------------------|---|
| <p><b>Deciduous</b></p>  | <p>A deciduous tree or shrub loses its leaves once a year.</p>  |
| <p><b>Evergreen</b></p>  | <p>An evergreen tree or shrub keeps its green leaves all year.</p>  |
| <p>Flowers</p>           | <p>Flowers are usually brightly coloured, and they attract insects and birds.</p>   |
| <p>Fruit</p>             | <p>Fruit grows on plants. Fruit contains the plant's seeds.</p>   |
| <p>Garden plants</p>     | <p>A plant that a human has chosen to plant.</p>  |
| <p>Petal</p>             | <p>The thin colourful part of the flower.</p>   |
| <p>Plant</p>             | <p>A plant is a living thing that usually grows in the ground. Trees, grass, flowers, bushes and mosses are all plants.</p> |
| <p>Roots</p>             | <p>Roots take in water and nutrients from the soil and keep the plant in the ground.</p>                                    |
| <p>Seed</p>              | <p>The part of a flowering plant that can grow into a new plant.</p>  |
| <p>Stem</p>              | <p>The main stalk of a plant that holds it up.</p>  |
| <p><b>Trunk</b></p>      | <p>The large main stem of a tree.</p>   |
| <p><b>Wildflower</b></p> | <p>Wildflowers are not chosen by humans to grow. They do not need to be planted or cared for as they grow.</p>              |

What are the parts of a tree?

Many trees grow fruit and some trees grow blossom in spring



Deciduous trees



Evergreen trees

