

Science Medium Term Plan
Year 1 Summer Term 1

What are the different parts of a plant called?

Link it - Planting seed to observe over time

**How many wild and garden flowers can I see?
(walk with squares compare school and park)**

What are the main parts of a flower?

**What are the main parts of a tree called?
(classifying leaves)**

What job does each part of a plant do? (daffodils)

Substantive Knowledge

- Know and name a variety of common garden and wild plants
- Know the names the petal, stem, root and leaves of a plant
- Know and name the roots, trunk, branches and leaves of a tree

Disciplinary Knowledge

Working Scientifically

Observations over time

- Changes to plants and trees in the different seasons

Grouping and Classifying

- Identifying local trees and plants

Need to know knowledge:

- Name and label petal, stem, root, leaves on a plant
- Name and label root, trunk, branches, leaves on a tree
- Trunk and stem provide support
- Roots absorb water from the ground
- Leaves absorb sunlight
- Name common garden plants daffodil, rose, tulip
- Name common woodland plants cow parsley, bramble, bluebell

Vocabulary:

(including definitions)

Environment

The area where a plant or tree lives and grows

Evergreen

Plants and tree who's leaves are green all year round

blossom

The flower that comes before fruit appears on a tree

Root

The part of the plant under the ground that takes in water and gives support

petal

The colourful part of the plant which attracts insects

Prior Knowledge:

Early Years

- Exploring and planting bulbs in the garden
- Observing bean growing