

Knowledge Organiser

Science Year 1 Summer 1

Plants (structure, common wild and garden plants)

Previous learning:

- Autumn (EYFS – Autumn 1)
- Growing (EYFS – Spring 2)
- Lots of opportunities throughout the year in EYFS to experience the outdoors, looking closely at plants and their growth.
- Trees focus (Year 1 – Autumn 2)
- Seasonal Change throughout the year both in EYFS and Year 1.

Key Vocabulary	Objectives <i>taken from Progression Document</i>	Key Knowledge
flowers petals bulb seed stem blossom daisy dandelion sunflower rose	Identify and name a variety of common wild and garden plants. Identify and describe the basic structure of a variety of common flowering plants.	Name and identify common wild plants in local area. Name and identify common garden plants in local area. Identify the structure of a plant. Describe the structure of a plant.

Working Scientifically

TAPS Assessment

Plant Structure

Do: Observe closely using simple equipment

Concept context

Identify and describe the basic structure of a plant

Possible opportunities:

Classifying

- Allow children to classify leaves, flowers, and seeds, choosing their own criteria.

Observing over time

- Observe a trail/patch to identify how plants change through the year.

Pattern seeking

- Based on observations, encourage children to identify patterns e.g. after comparing the size of leaves on different plants, children may suggest "bigger plants have bigger leaves."

Researching

- Use secondary sources to name plants based on observations of leaves, seeds, flowers, buds, and bark (Leafsnap UK on Apple App Store, SEEK INaturalist on google play and Apple App Store, textbooks, Woodland Trust resources).