

### National Curriculum Objectives

- identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
- identify and describe the basic structure of a variety of common flowering plants, including trees
- observe changes across the 4 seasons
- observe and describe how seeds and bulbs grow into mature plants
- asking simple questions and recognising that they can be answered in different ways
- observing closely, using simple equipment
- performing simple tests
- identifying and classifying
- using their observations and ideas to suggest answers to questions
- gathering and recording data to help in answering questions

### Practical work

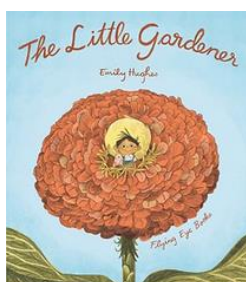
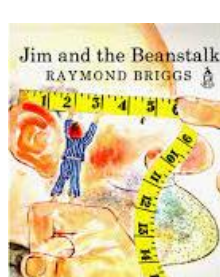
Plant seeds - lettuces  
 Observe potted hyacinths growing  
 Observe bean growing (initially in transparent jar)

### Links to our school values:

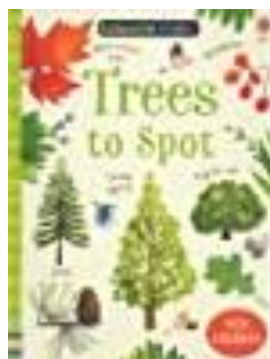
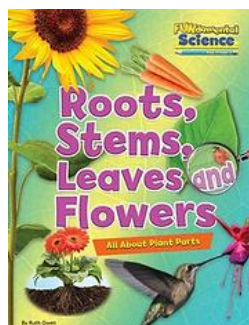
Thankfulness  
 Respect

### Texts to support learning

#### Fiction:



#### Non-Fiction



### Key Knowledge and Vocabulary

Know the name of a range of plants and trees in the school environment.

Know that some plants grow from a **seed** and some grow from a **bulb**.

Know that seeds from different plants look different.

Know how to plant a seed.

Know the name of the different parts of a plant including **stem, leaf, flower, petal, fruit, seed, roots**.

Know that each part of a plant has a **function**.

Know that roots take in water and **nutrients** from the soil and keep the plant in the ground.

Know that the stem holds the plant up and carries the water and nutrients from the roots to the leaves and flowers.

Know that seeds grow into new plants.

Know that leaves catch sunlight to help the plant make its own food.

Know that flowers attract insects and birds.

Know that fruit contains the plant's seeds.

Know that plants have mainly the same parts but these parts can look very different from plant to plant (e.g thick roots/thin roots, smooth leaves/spiky leaves)

Know that some plants have fruits, some have flowers, and some have both.

Know that plants grow in many places, e.g gardens, parks, woodland, roadsides etc.

Know that some plants are **cultivated** – planted and looked after by people (e.g in gardens and parks) and that some are **wild**.

Know that plants which grow wherever their seeds fall are called wild plants and are not planted by people.

Know that a **weed** is a plant which grows in a place we don't want it to.

Name a range of garden and wild plants.

Know the name of the different parts of a tree including **trunk, branch**, roots, leaves, fruit.

Know that the outside part of a trunk is called **bark**.

Know that some trees have **blossom** in spring.

Know that many trees have fruit and that some of these fruits can be eaten by people, e.g apples but that fruit from some trees is **poisonous** to people though birds and other animals can eat them.

Know that some trees produce **nuts** and some produce **cones**.

Know that some trees are **deciduous**, and others are **evergreen**.

Know and describe what happens to a deciduous tree through the **seasons**.

Know that different types of trees have different leaves.

Identify some common trees from their leaves.