

Parsonage Farm Nursery and Infant School

Year 1

Science

Summer 1

Knowledge

- ❖ A seed contains a miniature plant that can develop into a fully grown plant.
- ❖ A bulb has underground vertical shoots which already has modified leaves.
- ❖ Seeds and bulbs need water to grow but most do not need light (germination).
- ❖ Seeds and bulbs have food stores inside them to help the plant start to grow.
- ❖ To survive plants, need to get water, light, and avoid being eaten.
- ❖ A seed produces roots to allow water to get into the plant.
- ❖ A seed produces shoots to produce leaves to collect the sunlight.
- ❖ A basic plant structure can include leaves, flowers (blossom), petals, fruit, roots, bulb, seed, trunk, branches, stem.
- ❖ identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.



Prior Knowledge (EYFS)

The Natural World- 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.

Key Question - How do plants grow?

Skills

- ❖ Observing closely, using simple equipment.
- ❖ Using their observations and ideas to suggest answers to questions.
- ❖ Gathering and recording data to help in answering questions.
- ❖ Performing simple tests.

Key Vocabulary

- ❖ bulb
- ❖ deciduous
- ❖ fruit
- ❖ germinate/ germination
- ❖ leaf/leaves
- ❖ seed/ seed dispersal
- ❖ nectar
- ❖ flower
- ❖ petal
- ❖ root
- ❖ shoot
- ❖ stem
- ❖ evergreen

Safeguarding

- ❖ Allergic reactions to soil and seeds.
- ❖ Accidentally consumption.
- ❖ Poisonous berries and fungi (in the wild).

