

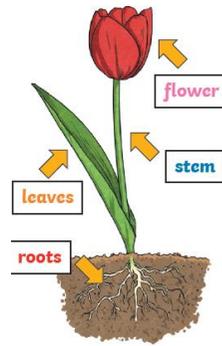


# Lacock Primary School – Year 2/3/4 Beech Class. Plants (Science)



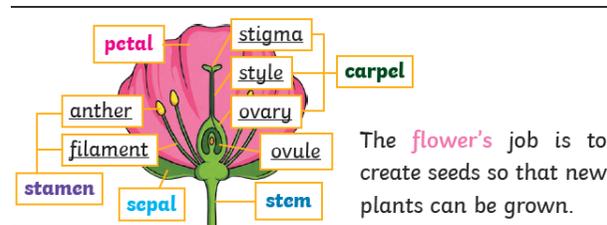
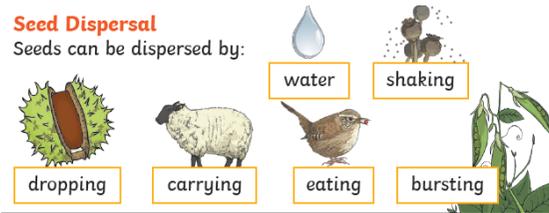
## Important Vocabulary

Roots	These anchor the plant into the ground and absorb water and nutrients from the soil.
Stem	This holds the plant up and carries water and nutrients from the soil to the leaves. A trunk is the stem of a tree.
Leaves	These make food for the plant using sunlight and carbon dioxide from the air
Flowers	These make seeds to grow into new plants. Their petals attract pollinators to the plant
Nutrients	These substances are needed by living things to grow and survive. Plants get nutrients from the soil and also make their own food in their leaves.
Evaporation	When liquid turns into a gas
fertilisation	When the male and female parts of the flower have mixed in order to make new seeds.
Stamen	Male parts of the plant made up from the anther and filament.
Carpel	Female part of the plant made up of a stigma, style and ovary.
Pollinator	Animals or insects which carry pollen between plants.



### Seed Dispersal

Seeds can be dispersed by:



The **flower's** job is to create seeds so that new plants can be grown.

## Key Skills

- To name the different parts of flowering plants and explain their jobs.
- To set up an investigation to find out what plants need to grow well.
- To record my information. To present the results of my investigation using scientific language.
- To investigate how water is transported in plants.
- To name the different parts of a flower and explain their role in pollination and fertilisation.
- To understand and order the stages of the life cycle of a flowering plant.

### What I should already know:

Identify and name a variety of common wild and garden plants including deciduous and evergreen trees (Year 1) identify and describe the basic structure of a variety of common flowering plants including trees (Year 1) Observe and describe how seeds and bulbs grow into mature plants (Year 2) Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy (Year 2)

This learning will help me in the future when I learn:

Biology in Secondary school

Function of cells, similarities and differences between plant and animal cells. Role of leaf stomata in gas exchange in plants. Reproductions in plants. Photosynthesis.