

Enquiry Skills

Enquiry Types



Explaining Science

Designing Experiments



Research



Finding patterns



Observing over time



Fair testing

Key Knowledge

- Name and describe the functions of parts of flowering plants.
- Name and describe the functions of the parts of a flower in detail.
- Describe reproduction through pollination, seed formation and dispersal.
- Know that plants need air, light, water, nutrients and enough room to grow.
- Water is moved from roots to leaves through xylem vessels.

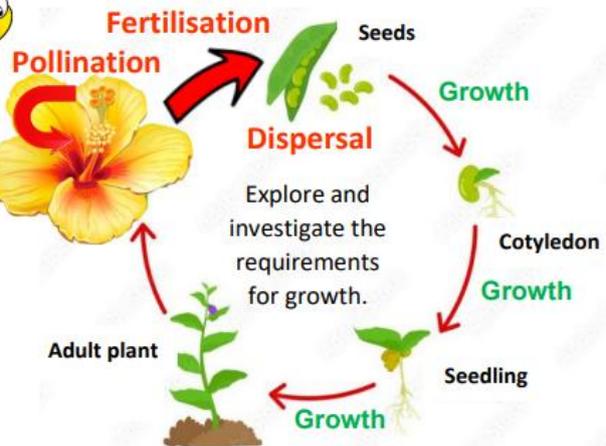
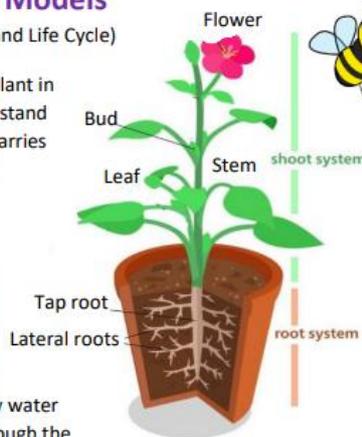
Big Picture Models

(Plant Structure and Life Cycle)

Begin to look at a plant in detail. Try to understand how it **grows** and carries out **reproduction**



Xylem vessels carry water from the roots, through the stem, to the leaves



Key Words

variable cause effect prediction data range

leaf	seed	anther	ovule	dispersal
leaf veins	flower	pollen	root	seed
mid-rib	petal	carpel	tap-root	cotyledon
petiole	sepal	stigma	lateral	seedling
stem	stamen	style	root hairs	germination
xylem	filament	ovary	nectar	fertilisation