

**Science Knowledge  
Organiser  
Plants A**

Step 1	Parts of a plant and their functions
Step 2	Plant dissection
Step 3	Plan – plant growth
Step 4	Plant – plant growth
Step 5	The stem and water transportation
Step 6	Looking at seeds
Step 7	Reproductive parts in plants
Step 8	Pollination
Step 9	Seed dispersal
Step 10	Life cycle of plants



**Key questions:**

- What parts of a plant can you identify?
- Where are the leaves found?
- Where is the stem found?
- Where are the roots found?
- Where are the flowers found?
- What is the function of the flowers/leaves/stem/roots?
- What would happen if the roots were damaged?
- What would happen if there were no leaves?
- What does dissection mean?
- Where should you put the plant pots?
- How often should you make the observations?
- Which parts of the plant receive water from the stem
- How does water get to the leaves?
- What is a seed?

Does the number of seeds within one plant pot affect the growth of the plants?

**Key Vocabulary**

petals	leaf
stamen	stem
pistil	roots
reproductive organs	flower
pollination	soil
pollen	dissection
pollinators	independent variable
wind dispersal	dependent variable
animal dispersal	controlled variables
water dispersal	seed
explosion dispersal	scales
seed dispersal	measuring cylinder
life cycle	water transportation