

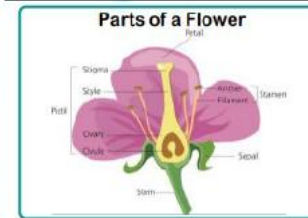
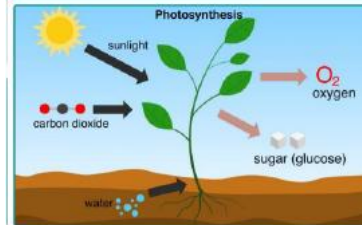
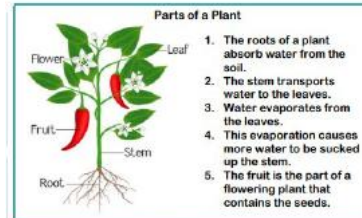
Vocabulary

nutrient	A substance that plants need from the soil to grow and stay healthy.
photosynthesis	How plants make their own food using sunlight, water and carbon dioxide.
seed dispersal	The way seeds are spread away from the parent plant.
seed formation	When plant produced seeds after pollination.
germination	When seed begins to grow into a new plant.
pollination	The transfer of pollen from one part of a flower to another so seeds can be made.

Additional words we will use:

- fertiliser
- potassium
- chlorophyll
- reproduction
- anther
- filament
- stamen
- style
- stigma
- xylem
- transpiration
- stomata
- phloem

Plants!



What do I already know?

In KS1 I learned:

- The names of some common plants in the wild and in our gardens.
- What the difference between deciduous and evergreen trees is.
- The basic parts of a plant.
- That plants need water, light and a good temperature to grow and stay healthy. How bulbs and seeds grow into a fully-grown plant (the life cycle of a plant)

Lessons in this unit:

Lesson 1: To know what a plants needs to grow and what happens if we change one of these.

Lesson 2: To know the names of the parts of a flowering plant and what their functions are.

Lesson 3: To know what photosynthesis is.

Lesson 4: To know how water is transported around a plant.

Lesson 5: To know the life-cycle of a flowering plant.

Lesson 6: To know what seed dispersal is and the different ways seeds can be dispersed. To know what the terms pollination, germination and seed formation mean.

End-of-Unit Assessment: Developing Experts Assessment.

Links to the NC:

NC - Science - KS2

Pupils should be taught to:

- identify and describe the functions of different parts of flowering plants:
- explore the requirements of plants for life and growth
- investigate the way in which water is transported within plants
- explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal