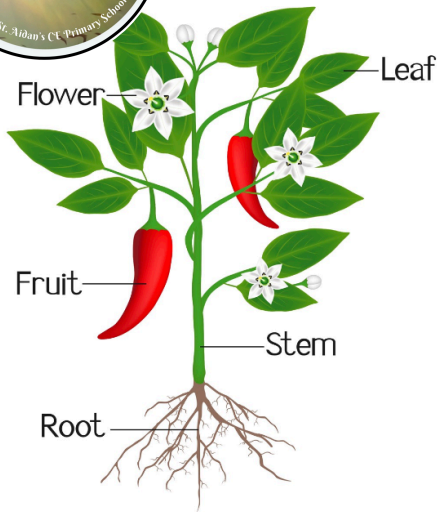


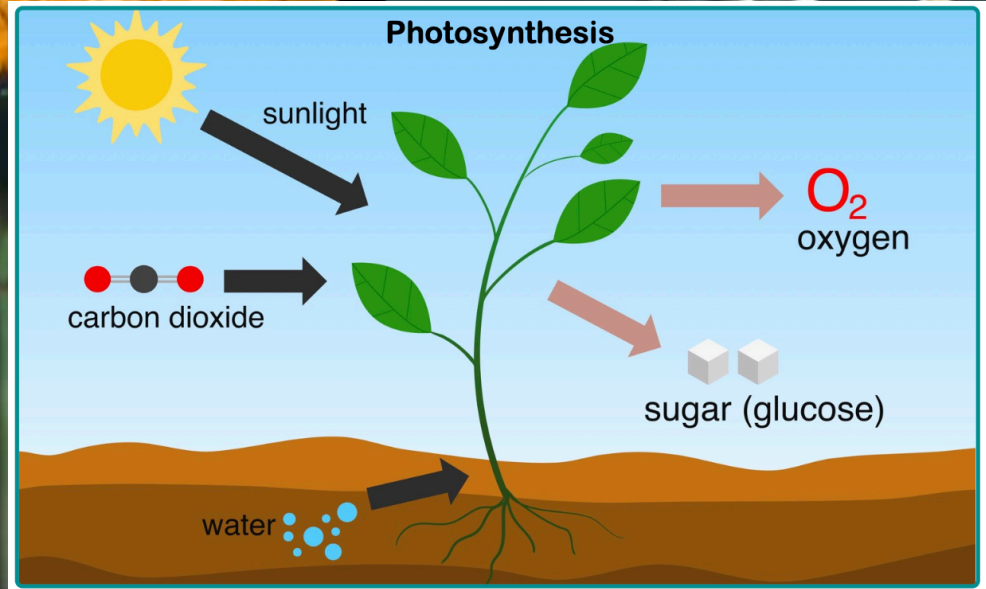
# Year 3 - Plants Life Cycle - Half Term 4

## Parts of a Plant

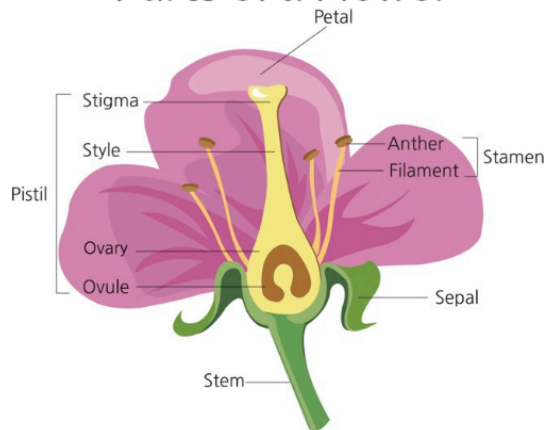


1. The roots of a plant absorb water from the soil.
2. The stem transport water to the leaves.
3. Water evaporates from the leaves.
4. This evaporation causes more water to be sucked up the stem.
5. The fruit is the part of a flowering plant that contains the seeds.

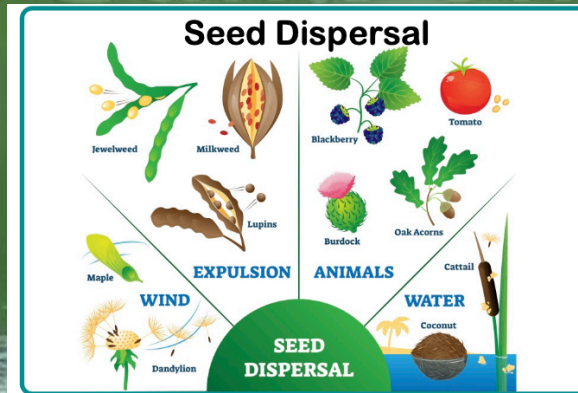
## Photosynthesis



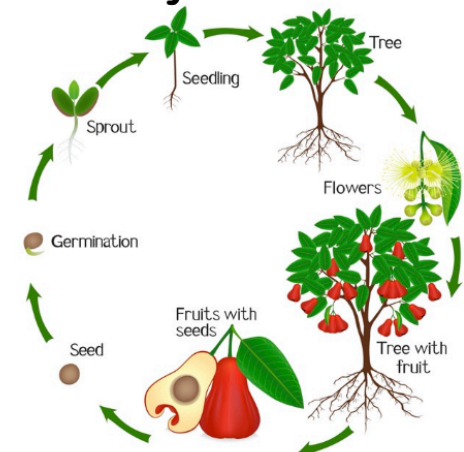
## Parts of a Flower



## Seed Dispersal



## Life Cycle of a Plant



### Key Vocabulary

fertiliser	substances added to the soil or sprayed on the leaves of plants to keep them well
potassium	a metal that is used in fertilising crops
chlorophyll	captures the sun's rays and creates sugary carbohydrates or energy, which allows the plant to grow
photosynthesis	the process in which green plants use sunlight to make their own food
xylem	carries water from the roots to all parts of the tree or plant
phloem	a tissue where substances can flow up and down to carry the food throughout the plant
anther	the part of a stamen that produces and contains pollen and is usually borne on a stalk
filament	the stalk of a plant stamen that bears the anther
stomata	tiny openings or pores, found mostly on the <u>undersurface</u> of a plant leaf and used for gas exchange
transpiration	the process of water movement in a plant
pollen	a fine powder produced by certain plants
nectar	a liquid produced by the flower of plants

### To know statements



I know how to compare the effect of different factors on plant growth.

I know about the functions of different parts of a flowering plant and how they are used in photosynthesis.

I know the way in which water is transported in plants.

I know the part that flowers play in the life cycle of flowering plants.

I know about the pollination process and the ways in which seeds are dispersed.

I know how to compare the effect of different factors on plant growth.

What can you remember from previous units?

What is the difference between a seed and a bulb?  
Can you explain what plants need to grow and stay healthy?  
Can you remember the life cycle of a plant?

Anything else you have learnt? What have you enjoyed?



