

## Vocabulary

## Need to know knowledge

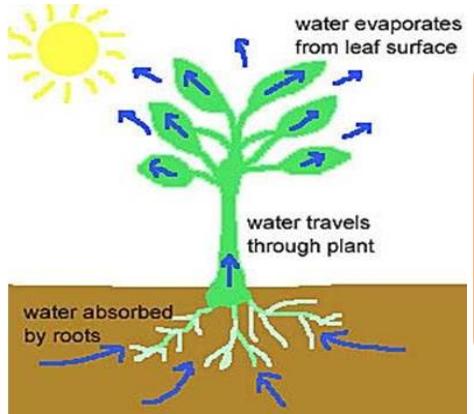
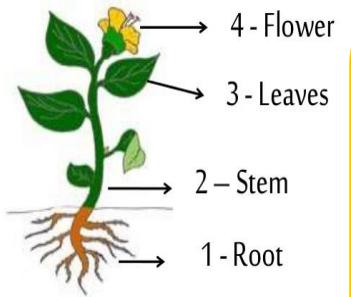
## Year 3 Spring 2 Science Plants

## Working Scientifically

Nutrients	A substance that provides nourishment for essential for growth.
Soil	The upper layer of earth in which plants grow.
Transportation	The movement of water and minerals from the roots to different parts of a plant.
Pollination	The transfer of pollen to a flower or plant to allow fertilization.
Dispersal	When seeds are spread from a plant to allow for germination.
Germination	The development of a plant from a seed.
Seed	The unit of reproduction of a flowering plant, capable of growing into another plant.
Roots	The part of a plant that attaches it to the ground and conveys water and nutrients to the rest of the plant.
Stem	The main body or stalk of a plant.
Pollen	A powdery substance inside a flower that can be transported by the wind, insects and other animals.

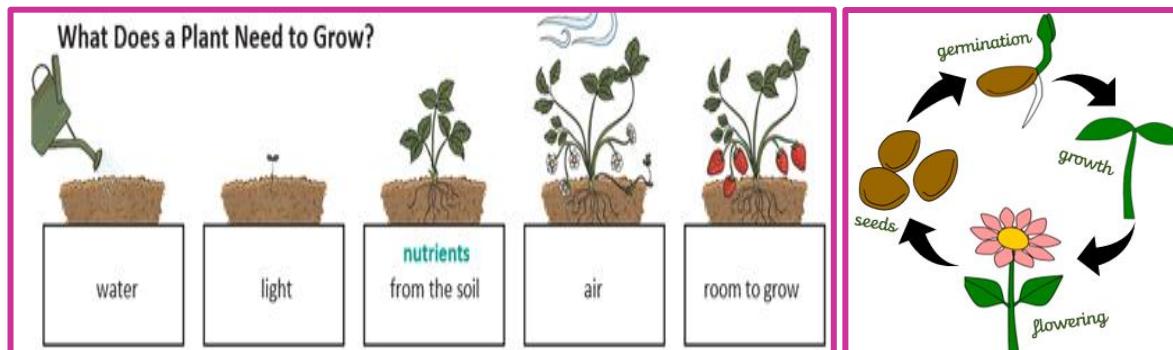
### Parts and functions of a plant

1. Roots absorb water and minerals from the soil and anchor the plant in the ground.
2. The stem supports the plant above ground, and carries the water and minerals to the leaves.
3. The leaves collect energy from the Sun and make food for the plant.
4. Flowers make seeds to grow new plants.



Water is absorbed from the soil by the roots. It is then transported from the roots to the stem and then to the rest of the plant. Leaves use this water to make food.

### Diagrams and pictures



"Science is the study of the physical and natural world through observation, testing, experimenting and evidence gathering"

### Links

Y2 - Secret Garden  
Y6 – Darwin's Delights