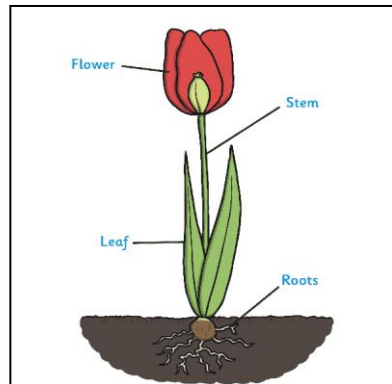


Year 3 Plants

Key Vocabulary

Roots	These anchor the plant to the ground and absorb water and nutrients from the soil.
Stem	This holds the plant up and carries water and nutrients from the soil to the leaves. A trunk is the stem of a tree.
Leaves	These make food for the plant using sunlight and carbon dioxide from the air.
Flowers	These make seeds to grow into new plants. Their petals attract pollinators to the plant.
Nutrients	These substances are needed by living things to grow and survive. Plants get nutrients from the soil and also make their own food in their leaves.
Evaporation	When a liquid turns to a gas.
Fertilisation?	When the male and female parts of the flower have mixed in order to make seeds for new plants ?? NEEDED??
Petal	The brightly coloured part of the flower that attracts insects to pollinate the plant.
Pollination	When the pollen is moved from the male part of the plant to the female part (Need to know names for these at Y3???)
Pollinator	Animals or insects which carry pollen between plants. Examples inc birds, bees and bats.
Germination	When a seed starts to grow.
Seed dispersal	A method of moving the seeds away from a plant so that the seeds have the best chance of survival.

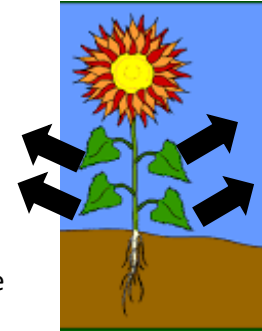
I don't think Y3 need to know about parts of flower and funct



Each structure in a flowering plant has a job to do (a function)

How water moves through a Plant.

1. The roots absorb water from the soil.
2. The stem transports water to the leaves.
3. Water evaporates from the Leaves.
4. This evaporation causes more water to be sucked up the stem.

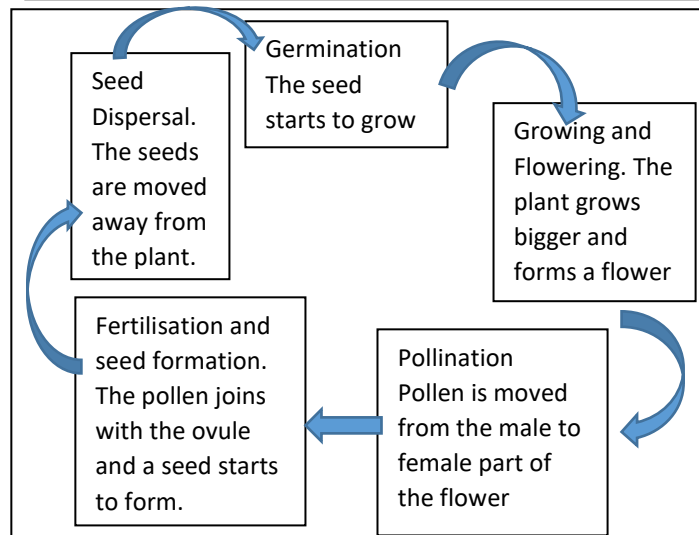


The water is sucked up the stem like water being sucked up through a straw.

What does a plant need to grow?

Plants need: water, light, food and nutrients from the soil, air and room to grow.

Different plants vary in how much of these things they need. For example, cacti can survive in areas with little water, whereas water lilies need to live in water.



Seed Dispersal

Seeds can be dispersed by:

Dropping, carrying (on animals such as sheep or insects), on the wind, by water, shaking a plant, a bird eating the seed, the seeds bursting.

eg stamen carpel etc??