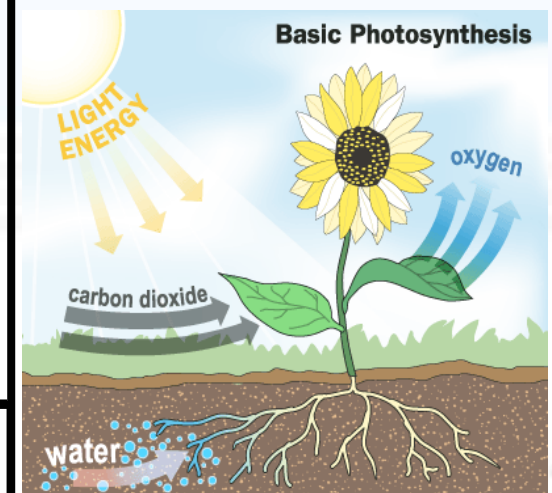
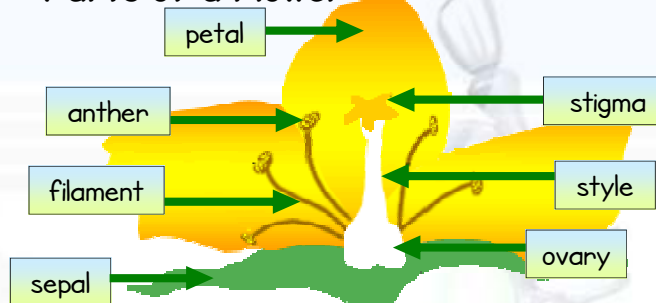


Plant Life Cycle Fact Sheet



Nutrients are minerals needed for plant growth - they are taken in by the plant's root system

Parts of a Flower



Wind

Seeds are scattered by the wind blowing

Explosion

Seeds are squirted or burst out of the seed pod.

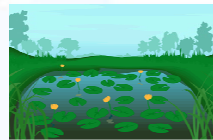


Germination is the beginning of the process of growth.

Seed Dispersal

Water

Some plants disperse their seeds in water.



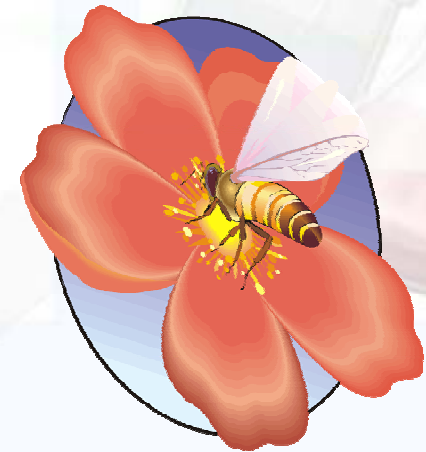
Animals

Animals, like squirrels, bury seeds that grow into new trees



Pollination is when pollen is transferred from one flower to another.

Fertilisation is the joining of a male and female sex cell



Plant Life Cycles Glossary

| | | |
|---|--|---|
| anther - the part of the stamen that produces the pollen | germination - the process of beginning growth for a seed | pollination - the transfer of pollen from one flower to the stigma of another flower - There are two main agents for pollination - wind and insect |
| carpel - together the stigma, style and ovary form the carpel - the part of the plant where the female sex cells are produced - ova (eggs) | nutrients - minerals that are needed for plant growth. They are dissolved in soil water and are taken in by the plant's root system | reproduction - the process of making new, young organisms (flowering plants produce seeds) |
| dispersal - the method of moving seeds away from the mature plant - There are four types - wind, water, animal and explosion | ova - the female sex cells of the plant | seeds - the fertilised ova of the plant |
| fertilisation - the joining of a male and female sex cell (e.g. pollen and ova) | ovary - the part of the plant that produces the female sex cells - ova (eggs) | sepal - the part of the flower that protects it as a bud |
| flowering plants - plants that have flowers in order to reproduce | petal - the part of the flower which is often brightly coloured | stamen - together the anther and filament form the stamen - the part of the plant where the male sex cells are produced - pollen |
| fruits - the fleshy parts of the plant containing the seeds | photosynthesis - the process by which a plant makes its own food from sunlight | stigma - the part of the plant that pollen sticks to and leads to the ovules |
| | | style - the part of the carpel joining the stigma to the ovary |

