

Subject: Year 1
Concept: Plants

Previously, I have learnt... → In Year 1, I am learning... → In the future, I will learn... → My future...

To identify the difference between trees, plants, flowers and bushes.

To identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.

To observe and describe how seeds and bulbs grow into mature plants

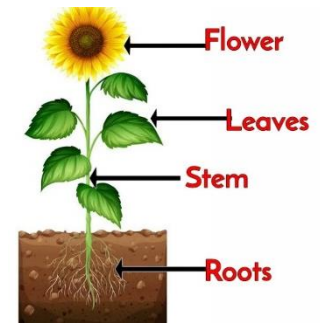
- Scientist
- Doctor
- Dentist
- Archaeologist
- Engineer
- Chemist
- Teacher
- Biochemist
- Astronaut
- Anthropologist
- Environmentalist
- Naturalist
- Wildlife documentary presenter

What some parts of a flower are called.

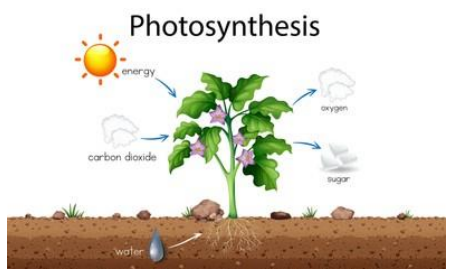
To identify and describe the basic structure of a variety of common flowering plants, including trees.

How to find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

tree
flower
plant
bushes
petal
leaves



root
stem
leaf
flower
sunlight
water
soil
seed
growth



bulbs
mature
temperature
germinate
growth
reproduce
insects
pollen
sun

Subject: Year 2
Concept: Plants

Previously, I have learnt... → In Year 2, I am learning... → In the future, I will learn... → My future...

To identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.

To identify and describe the basic structure of a variety of common flowering plants, including trees.

To observe and describe how seeds and bulbs grow into mature plants

How to find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

How to identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers

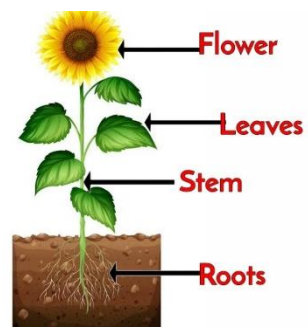
How to explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant

How to investigate the way in which water is transported within plants

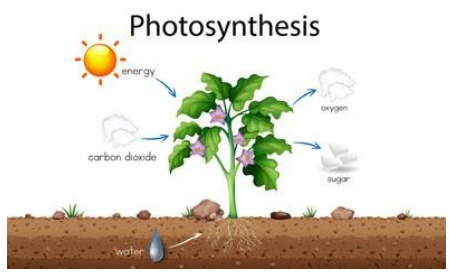
How to explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

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root
stem
leaf
flower
sunlight
water
soil
seed
growth



bulbs
mature
temperature
germinate
growth
reproduce
insects
pollen
sun



veins
surface
edge
nutrients
anchor
seedling
pollination
seed formation

Subject: Year 3
Concept: Plants

Previously, I have learnt... → In Year 2, I am learning... → In the future, I will learn... → My future...

To observe and describe how seeds and bulbs grow into mature plants

How to find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

How to identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers

How to explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant

How to investigate the way in which water is transported within plants

How to explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

The reactants in, and products of, photosynthesis, and a word summary for photosynthesis.

About the dependence of almost all life on Earth on the ability of photosynthetic organisms, such as plants and algae, to use sunlight in photosynthesis to build organic molecules.

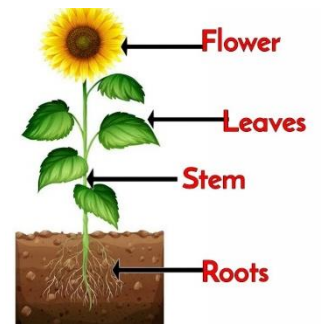
That photosynthetic organisms are an essential energy store and to maintain levels of oxygen and carbon dioxide in the atmosphere

The adaptations of leaves for photosynthesis

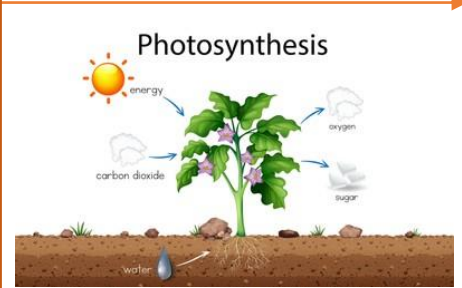
The process of reproduction in plants.

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bulbs
mature
temperature
germinate
growth
reproduce
insects
pollen
sun



veins
surface
edge
nutrients
anchor
seedling
pollination
seed formation



photosynthesis
molecules
energy store
oxygen
carbon dioxide
adaptations
reproduction
dispersal
mechanisms