

Year 3 Helping Plants Grow Well

Prior learning: Year 1 Plants

Words I need to know for this topic:

Anther	Releases pollen which brushes onto insects when they land on a flower.
Petals	Attracts insects and birds to the plant.
Leaves	Make food for plants from CO2 and sunlight.
Stem	Transports water around the plant.
Roots	Absorb water and minerals from the soil.
Life cycle	The stages a plant goes through during its life.
Germination	When a plant begins to grow from a seed.
Pollination	When the pollen produced by the flower is carried by insects or blown by the wind to another flower.
Fertilisation	When the pollen reaches the other flower it makes new seeds.
Dispersal	The seeds are scattered by animals or the wind and some will grow into new plants.

By the end of this topic I should know how:

- To identify and describe the functions of different parts of flowering plants
- To explore the requirements of plants for life and growth and how they vary from plant to plant
- To investigate the way in which water is transported within plants
- To explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal
- To know that plants make their own food

By the end of this topic I should be able:

- To make decisions, ask relevant questions and use different types of scientific enquiries to answer them
- To set up simple practical enquiries, comparative and fair tests
- To make systematic and careful observations using notes and simple tables
- To take accurate measurements using standard units, using a range of equipment,
- To gather, record, classify and present data in a variety of ways to help in answering questions
- To record findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
- To report on findings from enquiries, using relevant scientific language, including oral and written explanations, displays or presentations of results and conclusions
- To use straightforward scientific evidence to answer questions or to support their findings.

Our Scientist is:

Anything else interesting I have learned:

Future learning: KS3 Chemistry