



Helping Plants Grow Well

Year 3

Learning outcomes with context

- 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

Learning outcomes without context

- 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

Key vocabulary children should know by the end of the 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 CO ₂ and sunlight.
Stem	Transports water around the plant.
Roots	Absorb water and minerals from the soil.
Anther	The stages a plant goes through during its life
Life cycle	When a plant begins to grow from a seed.
Germination	When the pollen produced by the flower is carried by insects or blown
Pollination	by the wind to another flower.
	When the pollen reaches the other flower it makes new seeds.
Fertilisation	The seeds are scattered by animals or the wind and some will grow into
Dispersal	new plants.