



Prior learning to reactivate

- Identify and name some wild and garden parts and be able to describe their structure, e.g. leaves, flowers, roots, bulb, seed, branch, stem (Y1)

Key learning

Plants grow from seeds and bulbs into mature plants.

Plants need water, light and a suitable temperature to germinate, grow and survive.

The local environment changes throughout the year. e.g. plants grow at different times of year

Plants go through a life cycle as they grow.

Seeds and bulbs have a food store inside them.

Key vocabulary

Bulb	An underground organ from which plants grow.
Germinate	Begin to grow and put out shoots after a period of dormancy.
Life cycle	The series of changes in the life of an organism.
Environment	The surroundings or conditions in which a person, animal, or plant lives or operates.
Season	Each of the four divisions of the year (Spring, Summer, Autumn, and Winter) marked by particular weather patterns.
Growth	The process of increasing in size.
Reproduction	The process in which an animal or plant produces young

Plants

Cardaze Primary School
Science Knowledge Organiser

Year 2

SCIENTIFIC SKILLS

By the end of the year, children should be able to...

- Ask simple questions
- Observe closely
- Perform simple tests
- Identify and classify
- Use observations to suggest answers to questions
- Gather and record data

Opportunities for scientific enquiry within the unit:

- Observe, measure and record the growth of a sunflower plant
- A comparison test comparing different variables (light, water, feed).

