

Science – Year 2 – Biology

Plants



Key Vocabulary



roots
stem
leaves
flowers
germination
sprout
shoot
seed dispersal
sunlight
water
temperature
nutrition

Science GOLDEN WORDS:

prediction
measurements
conclusion
explain
classify

Our 'Plants' knowledge journey:

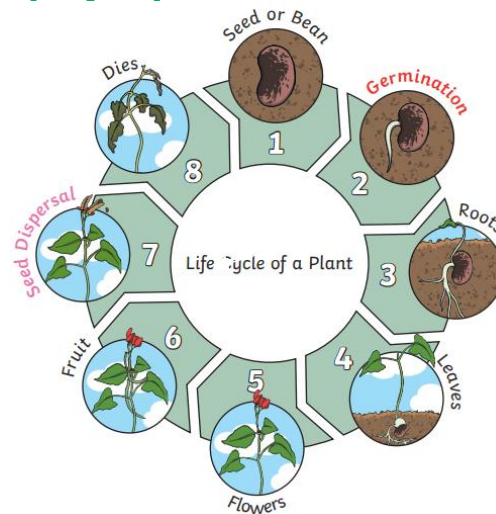
Y1: identify and describe the basic structure of a variety of common flowering plants.

Key Facts



- Plants need water, light, a suitable temperature, nutrients from the soil, air and room in order to grow and stay healthy.
- Seeds and bulbs need water to grow but most do not need light; seeds and bulbs have a store of food inside them.

Life Cycle of a Bean



The Growth of the Flowering Plant



Working Scientifically:

- asking relevant questions and using different types of scientific enquiries to answer them.
- setting up simple practical enquiries, comparative and fair tests.
- recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.
- identifying differences, similarities or changes related to simple scientific ideas and processes.

Key Vocabulary Explained

Germination: When conditions are right, the seed soaks up water, swells, and the tiny new plant bursts out of its shell.

Sprout: When a plant sprouts, it grows new shoots.

Shoot: This grows upwards from the seed or plant to find sunlight.

Seed Dispersal: When the seeds move away from the parent plant. Wind or animals can move them.

Key Knowledge

