

KS1 Science Knowledge Organiser

Term 5

Key Enquiry Question: What do plants need to grow?

National Curriculum Objectives:

- Year 1: Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
- Identify and describe the basic structure of a variety of common flowering plants, including trees

Year 2

- Observe and describe how seeds and bulbs grow into mature plants
- Find out and describe how plants need water, light and a suitable temperature to grow.



Key Vocabulary

Root

Petal

Leaf

Stem

Soil

Germinate

Compost

Seedling

Tuber

Seed

Bulb

Working scientifically skills:

Observe closely.

Perform simple tests.

Identify and classify.

Use observations and ideas to suggest answers to questions.

Gather and record data to help in answering questions.

Sticky Knowledge / Golden Thread (hierarchy):

Seeds and bulbs need water, light, soil and warmth to germinate.

Plants seek out the light. Plants that grow in dark places will naturally gravitate to the light.

Some plants produce flowers, whilst others produce fruit or vegetables.

Scientist of the term - David Attenborough