



Biology: Plants



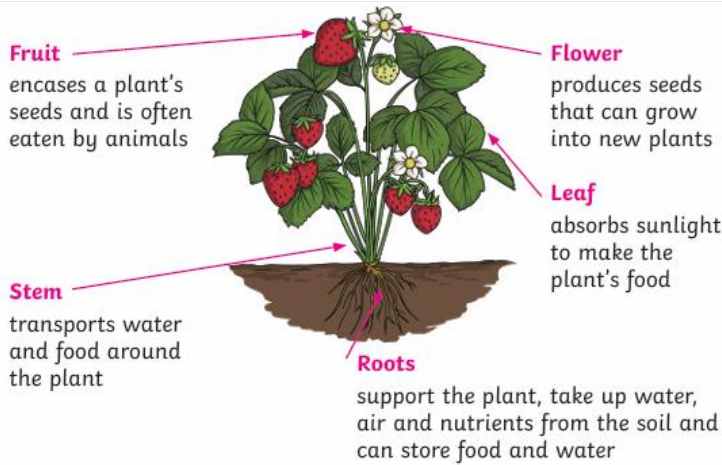
Y3/4 Summer 2

What should I already know?

- The names of some common wild and garden plants.
- The names of different parts of a plant: petals, stem, leaves, root.
- What a plant needs to grow.
- The stages in a plant's life cycle.

What am I going to learn?

- To identify and describe the function of different parts of flowering plants:



- The requirements of plants for life and growth and how they vary from plant to plant.
- How water is transported within plants.
- The part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

Working Scientifically

- I will plan an enquiry to monitor the growth of plants in different conditions.
- I can compare how the requirements of plants vary from plant to plant.
- I can investigate and observe how water is transported in plants.
- I can report and record my findings.

Disciplinary concepts



Plan/perform investigations



Compare



Observe



Record and report data

Vocabulary

Function

The job of something.

Pollination

The process where pollen from one flower is moved to another flower, so that the flower can make seeds,

Transportation

The movement of water from the roots, through the stem, to the leaves and flowers.

What do plants need?

water



space



air



light



nutrients



temperature



Enquiry Types

Observing changes over time

Pattern Seeking

Fair Testing

Identifying,
Grouping and
Classifying

Research

Problem Solving