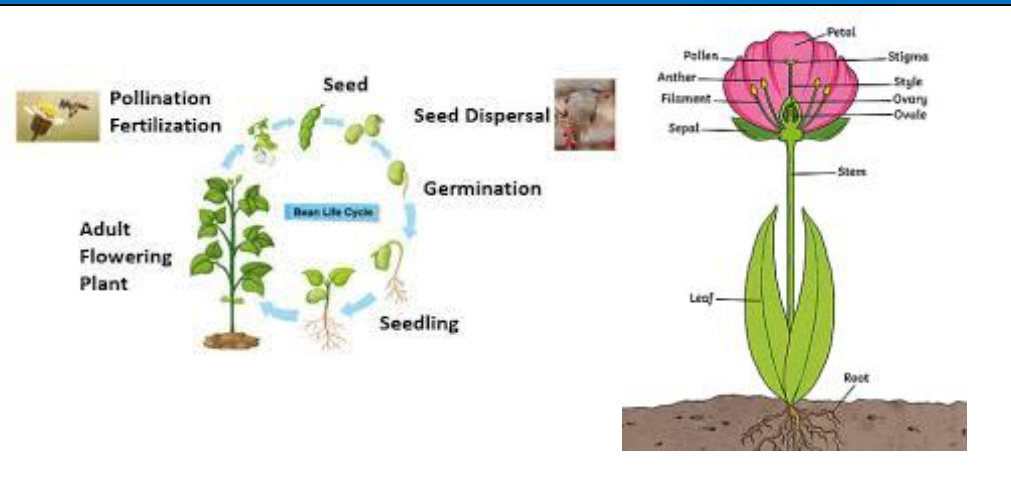


Year 3/4 Science: Plants



Why are we learning about plants?

We are **building on all our previous learning** in KS1 about plants. We learnt about how seeds and bulbs grow and mature into plants. We know that plants need water, light and a suitable temperature to grow and stay healthy.

This **new learning is important because** plants are really important for the planet and for all living things. Plants absorb carbon dioxide and release oxygen from their leaves, which humans and other animals need to breathe. Living things need plants to live - they eat them and live in them. Plants help to clean water too.

This **will help us get ready for future learning about** how plants adapt to suit their environment in different ways and that adaptation may lead to evolution.

Important questions to answer:

- What are the main parts of a flower and what do they do?
- How do plants grow and why do some plants have flowers?
- How do plants drink?
- What is the lifecycle of a plant?

Experiences we will have:

- Dissecting a flower
- Grow our own plants from seeds
- Plan our own investigation

Things we need to know:

- To know the names and functions of different parts of flowering plants
- To know that the requirements of plants for life and growth and how it can vary from plant to plant
- To know how water is transported within a plant
- To know the life cycle of flowering plants

Skills we need to learn:

- I can identify the different parts of a flowering plant
- I can explore how the requirements of plants for growth vary
- I can investigate how water is transported within a plant
- I can explain the lifecycle of a plant

Subject Specific Vocabulary:

Flowers	Absorb	Anchor
Leaves	Carbon dioxide	Anther
Life cycle	Dispersal	Filament
Petals	Evaporate	Ovary
Pollen	Fertilisation	Ovule
Roots	Germination	Pollen tube
Seeds	Nutrients	Sepal
Sunlight	Pollination	Stamen
Stem	Stages	Stigma
Trunk	Transport	Style