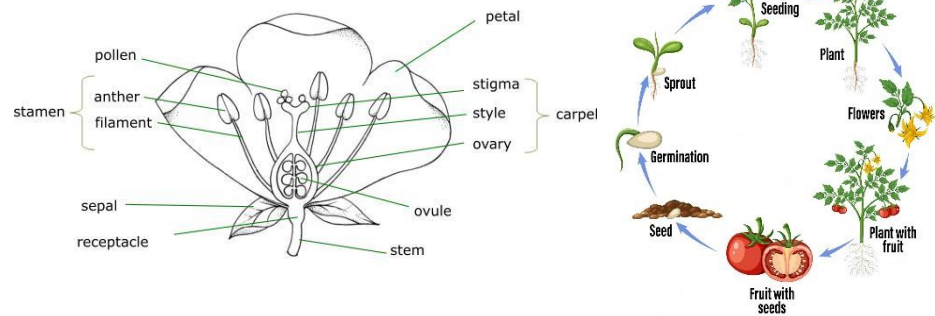


## Year 4/5 Science: Plants



### 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 are their functions?
- How do plants grow and why do some plants have flowers?
- How does a plant transport water?
- What is the lifecycle of a plant?

### Experiences we will have:

- Dissecting and labelling a flower
- Growing our own plants from seed
- Planning our own investigation

### Things we need to know:

- To know the names and functions of the different parts of flowering plants
- To know the requirements of plants for life can vary
- To know how water is transported within a plant
- To know the lifecycle of a plant.

### Skills we need to learn:

- I can identify and describe the functions of different parts of a flowering plant
- I can explore the requirements of plants for life and growth and how they vary from plant to plant
- I can investigate the way in which water is transported within plants
- I can explain the part that flowers play in the life cycle of flowering plants

### Subject Specific Vocabulary:

absorb	germination	sepal
anchor	ovary	stamen
anther	ovule	stigma
carpel	pollination	style
fertilisation	receptacle	transport
filament		xylem