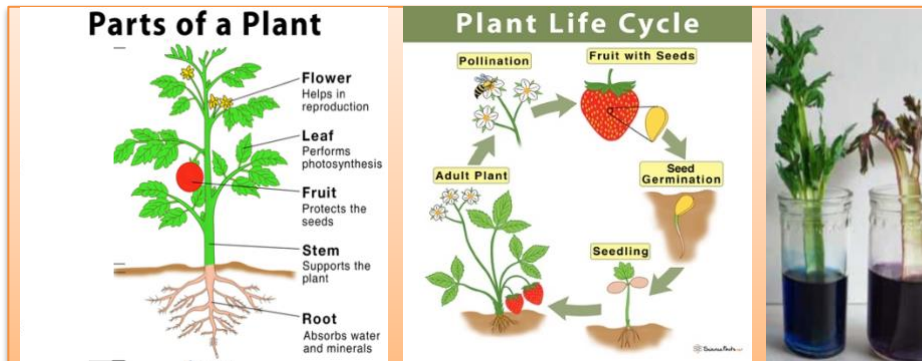


## Plants



### Scientific Enquiry Types:

- Observing over time
- Research

### Sticky Knowledge

- The roots absorb water and nutrients from the soil and anchor the plant in place.
- The stem transports water and nutrients/minerals around the plant and supports the leaves and flowers.
- The plant uses its own leaves and sunlight to create food for itself.
- Plants need the correct amount of light, warmth, water, space and nutrients to grow. This varies from plant to plant.
- Water is transported from the roots, through the tubes in the stem, to the tip of the plant.
- The four stages of the life cycle of a flowering plant are germination, growth, flowering and fertilisation/ seed production.
- Seeds sometimes contained in berries or fruits can be dispersed in many ways to create new plants.
- Pollination is the process that allows plants to reproduce.

### Vocabulary

- **Pollination** – the process of fertilisation in plants.
- **Formation**- how something is created.
- **Dispersal**– how a plant distributes their seeds in order to reproduce.
- **Transport** – when something is taken from one place to another.
- **Reproduction**- the process of creating offspring.
- **Nutrients**- substances in food that our bodies process to enable it to function correctly and effectively.
- **Fertiliser**- substances that speed up and enhance growth.
- **Function**- how something works.
- **Support**- to offer help or to hold something up.