



Be the best that we can be.



# EBJ Knowledge Organiser Science Year 3

## Summer 1 Plants – Plant reproduction



### Plants

A healthy plant is usually upright with green leaves. Plants need air, light, warmth, water and nutrients to be healthy. If it doesn't have these requirements it could affect its growth or even die.

Plants need:

- Air.
- Water.
- Light.
- Nutrients.
- Room to grow.



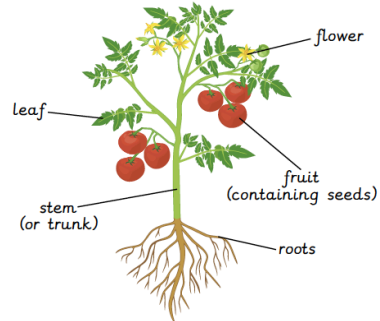
### Seed dispersal

Seeds are carried away from the parent plant by the wind, animals or water.



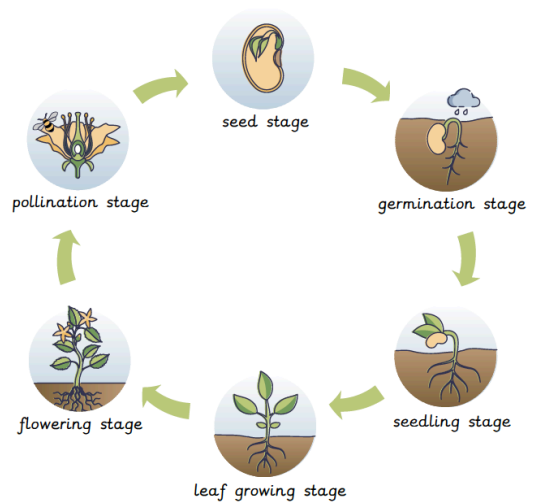
### Structure and function of a plant

Each part of a plant has an important job.



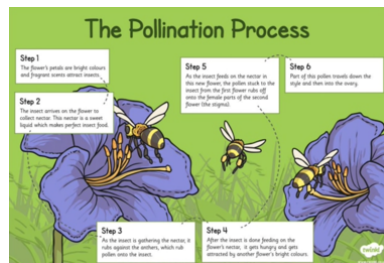
The **leaves** use sunlight and water to make food. The **stem** supports the plant and transports water. The **flower** attracts insects to **pollinate** the plant. Fruit is eaten by animals that carry away the seeds. The **roots** anchor the plant, absorb water and nutrients.

### The life of a flowering plant



### Pollination

Pollen is transferred from the male part of the flower to the female part. This is so new seeds can be produced. Bees pollinate the plants by carrying the pollen from one flower to another.

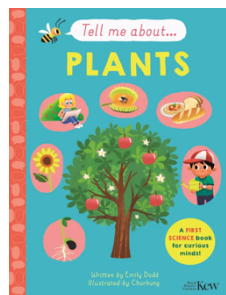


Read all about it! Can you find these books in your local library?

### Key Vocabulary



### Scientific enquiry types



pollen, pollination, seed dispersal, transport, absorb, air, flower, germination, leaf, nutrients, petal, root, seed, soil, stem/trunk, sunlight, water, photosynthesis.

