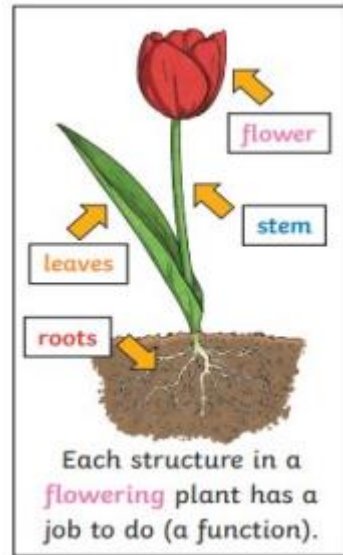







What will we be learning?

- Identify, locate and describe the functions of different parts of flowering plants.
- Explore the requirements of plants for life and growth and how they vary from plant to plant.
- Investigate the way in which water is transported within plants.
- Know that: - roots grow downwards and anchor the plant; water goes up to the stem to the leaves, flowers and fruit; nutrients are taken in through the roots; stems provide support; plants make their own food; flowers attract insects to aid pollination; seeds are formed after pollination; and seed dispersal helps ensure new plants survive.



Seed Dispersal

Carried by the wind	Animals eat them	Carried on animals	Bursts from the pods	Carried by water
				

Which of these best describe the function of roots – tick two.

To make seeds.	<input type="checkbox"/>
To absorb nutrients and water.	<input type="checkbox"/>
To anchor the plant to the ground.	<input type="checkbox"/>
To attract bees and insects.	<input type="checkbox"/>

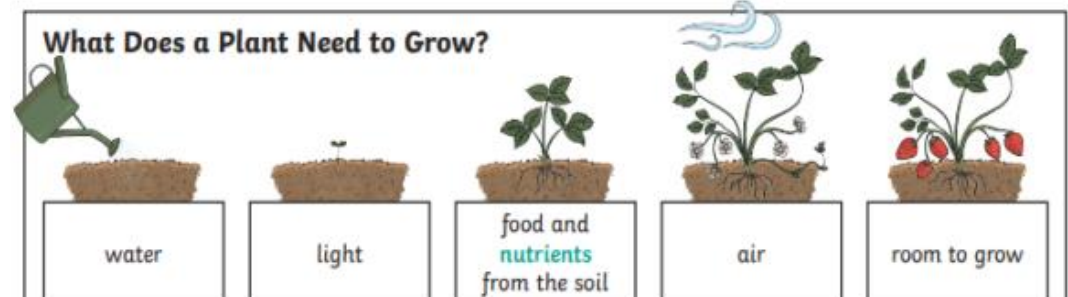
Write the numbers 1-4 to show the order in which parts of a plant grow.

The leaves grow.	<input type="text"/>
The stems grow.	<input type="text"/>
The roots grow.	<input type="text"/>
The flowers grow.	<input type="text"/>

Key vocabulary

- **Pollen:** A fine powder produced by flowers that fertilises other flowers of the same species.
- **Pollination:** When a plant or tree is fertilised with pollen.
- **Fertilisation:** When pollen makes a seed.
- **Seed dispersal:** When a seed is scattered, spread or separated throughout a large area.
- **Germination:** When seeds are able to grow to make new plants.
- **Life cycle:** The series of changes that an animal or plant passes through from the beginning of its life to its end.

**What Does a Plant Need to Grow?**



Different plants vary in how much of these things they need. For example, cacti can survive in areas with little water, whereas water lilies need to live in water.