

## Plants

### What I should already know?

- Plants can grow.
- The names of some plants (dandelions, poppy, rose)
- Deciduous trees lose their leaves in the autumn every year
- Evergreen trees have green leaves all year round.
- The parts of a plant including petals, fruits, roots, bulbs, seeds, stem, trunks and branches.

### What I will learn next?

- **Yr 3:**
- I will identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers.
- I will explore the requirements of plants for life and growth and how they vary from plant to plant.
- I will investigate the way in which water is transported within plants.
- I will learn to explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal.

### What will I learn?

- I can observe and describe how seeds and bulbs grow into mature plants.
- Can find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.



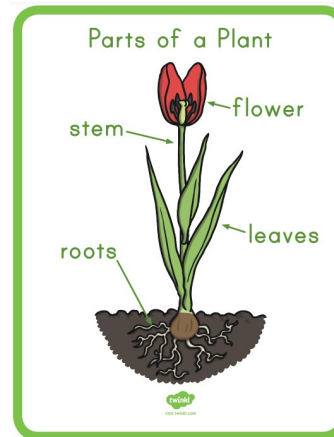
### What will I learn?

#### **Plants are living things and require things to grow**

- Plants require things such as water, warmth and nutrients from soil to grow.
- If they do not have one or more of those things they may stop growing.
- Plants can: move, react to their surroundings, absorb nutrients and reproduce.

#### **Which plants do we eat?**

- Many plants provide us with food by bearing fruits which carry their seeds.
- When farmers grow plants to provide us with food, these are called crops.
- We eat many fruits that contain seeds (including tomatoes)
- We also eat different parts of vegetable plants: root vegetables (beetroot, carrots, potatoes) stem vegetables (spring onions, celery) leaf vegetables (cabbage and lettuce) flowering vegetables (cauliflower, broccoli).
- We also eat grains and cereals from plants to (wheat, oats).
- Seeds are sometimes edible too (pumpkin and sunflower). Many herbs are also grown to add flavour to food.



### Vocabulary

Bud	A swelling on a plant that can grow into new parts like flowers.
Bulb	A plant bud that begins to grow underground.
Blossom	The flower of a plant which forms a seed or fruit.
Flowers	The part of a plant that has petals and that makes fruit or seeds; blossom
Germination	To start growth.
Grow	To become larger.
Healthy	To be in good condition, not sick.
Leaf/Leaves	Flat parts of a plant or tree that grows from the stem or branch.
Light	What the sun produces.
Petals	The separate leaves that form the outer part of a flower head.
Reproduction	How a living thing makes young.
Root	Part of the plant that grows underground. They take up water and nutrients from the soil.
Seed	The small part of a flowering plant that grows into a new plant.
Stem	The main part of a plant that grows up from the ground and supports the branches, leaves, flowers, or fruits that may grow from it.
Suitable	The right place for the plant.
Temperature	The degree of heat or cold of an object or an environment.