

What should I already know?

- The **names** of some **common garden plants** and the names of some **common wild plants**.
- **Deciduous** trees lose their leaves in the autumn.
- **Evergreen** trees have green leaves all year round.
- The **parts of a plant** including petals, fruits, roots, bulbs, seeds, stem, trunks and branches.

What will I know by the end of the unit?

- | | |
|---|--|
| Plants are living things. | <ul style="list-style-type: none"> • Plants can: move, grow, react to their surroundings (sense), absorb nutrients and reproduce |
| What plants need to grow. | <ul style="list-style-type: none"> • Plants require water, a suitable temperature, nutrients from soil, light and space to grow. • If they do not have one or more of these things, they may stop growing. |
| How seeds and bulbs grow into mature plants | <ul style="list-style-type: none"> • Seeds and bulbs need water to grow. • Most do not need light instead they have a store of food inside them. |
| Which plants grow in our local environment and when they grow | <ul style="list-style-type: none"> • Different plants grow at different times of year. • You will observe which plants grow in our school grounds during each term. |

Vocabulary

bulb	a root shaped like an onion that grows into a plant
environment	the air, water, and land in or on which people, animals, and plants live
flower	the part of a plant which is often brightly coloured and grows at the end of a stem
food	anything that living things eat or take in to keep them alive
fruit	something which grows on a tree or bush and which contains seeds or a stone covered by a substance that you can <u>eat</u>
germination	the process of a seed starting to grow
growth	increasing in size
healthy	in a good condition
mature plant	a fully grown plant
nutrients	substances that <u>help</u> plants and animals to grow
petal	<u>thin</u> coloured or white parts which form part of the flower and attract insects
reproduction	when an animal or plant produces one or more individuals similar to itself
seed	the small, hard part from which a new plant grows
store	to keep for future use
survival	continuing to live
temperature	how hot or cold something is

Data Handling

Choose and use appropriate standard units to measure plant growth. Record results in a simple table.

Conditions	Height