



Plants

We will learn...

Plants are living things and require things to grow. Plants require things such as water, warmth, nutrients from soil and light to grow. If they do not have one or more of these things, they may stop growing.

Plants can: move, grow, react to their surroundings (sense), absorb nutrients and reproduce.

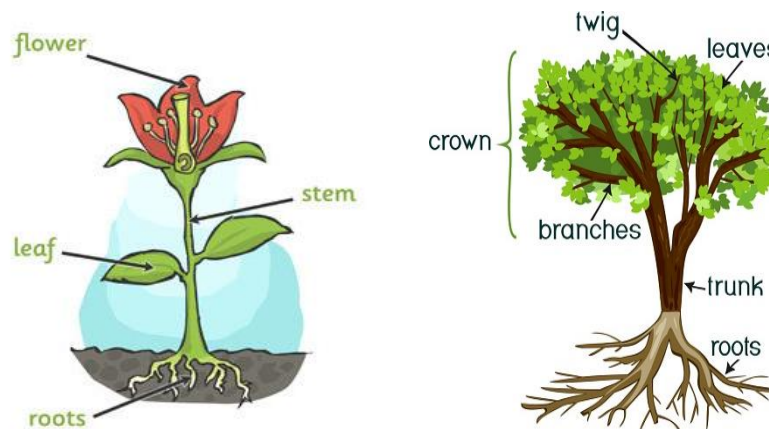
Which plants do we eat?

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. Tomatoes belong to the fruit family. We also eat different parts of vegetable plants: root vegetables (carrots, potatoes), stem vegetables (celery, spring onion), leafy vegetables (cabbage, lettuce), flowering vegetables (cauliflower, broccoli). We eat grains and cereals from plants too (wheat, oats). Nuts and seeds are also sometimes edible (sesame seeds, pumpkin seeds, peanuts). Many herbs are also grown to add flavour to foods.

Key vocabulary:

leaf	The parts of a tree or plant that are flat, thin, and usually green.
roots	The parts of a plant that grow under the ground.
flower	The part of a plant which is often brightly coloured and grows at the end of a stem.
seed	The small, hard part from which a new plant grows.
stem	The thin, upright part of a plant on which the flowers and leaves grow.
nutrients	Substances that help plants and animals to grow.
evergreen	A tree or bush which has green leaves all the year round.
deciduous	A tree that loses its leaves in the autumn every year.

What are the parts of a common trees and plants?



Working scientifically

- ✓ observing closely, using simple equipment
- ✓ using their observations and ideas to suggest answers to questions

Investigate:

- Plant a bulb or a seed and watch it grow. Record your observations in a diary. Compare the growth of that plant with a plant (using the same bulb or seed) where one of the conditions is different (no water, no light, a smaller container).
- Cut up a variety of fruits and locate where their seeds are.
- Eat a variety of vegetables and identify which part of the plant they come from (note: do not taste nuts in school as we are a nut free school).

Inspirational Scientist

Marie Stopes- botanist