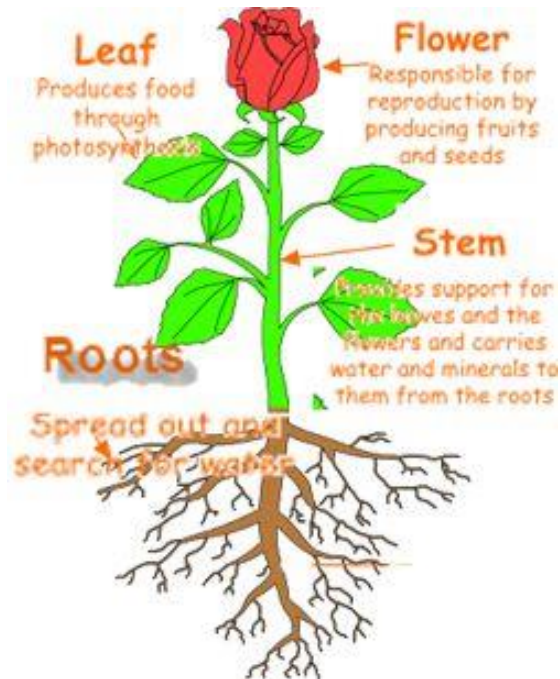


Key Knowledge

I need to know:

- To know what the roots, stem/trunk, leaves and flowers of a plant are and what their functions are.
- To know what the following are and what their functions/purposes are: seed, seedling, seed case, root, shoot, root hairs and stem.
- To know how to pose scientific questions and consider how to find out an answer to these questions.
- To know what plants need to grow and survive and that variables can greatly affect this.
- To know the names and functions of the following: sepals, petals, stamens and carpels, and their respective roles in the flowering plant's life cycle.



Key Vocabulary

stamen	the male organ of the flower, made up of the filament and anther, which produces pollen.	germinate	the process of a seed sprouting into a seedling
style	a tube-like structure in which connects stigma and ovary	photosynthesis	a process in which plants make their own food
stigma	part of the female organ which receives the pollen from another plant	pollination	the transfer of pollen from a male part of a plant to a female part of a plant to produce seeds
ovary	contains ovule that will develop into seeds, if fertilised by pollen	dispersal	when a plant ensures its seeds are spread as far as possible, to give the seeds the best chance of germination