

LKS2 Science Knowledge Organiser: Plants - How they grow



Core Knowledge - By the end of this unit, I will be able to:

1. WALT: explore the requirements of plants for life and growth.
2. WALT: identify, locate and describe the function of different parts of flowering plants.
3. WALT: identify, locate and describe the function of the roots in a plant
4. WALT: investigate the way in which water is transported in plants
5. WALT: explore the lifecycle of a plant.

What I have already learned in Science:

I have learned about different plants and trees and described the basic structure. I have studied how plants grow from seeds and bulbs in more detail. I will also look at what plants need to grow and stay healthy.

Key Vocabulary & Scientific terms

roots	These anchor the plant into the ground and absorb water and nutrients from the soil.
stem	This holds the plant up and carries water and nutrients from the soil to the leaves. A trunk is the stem of a tree.
leaves	These make food for the plant using sunlight and carbon dioxide from the air.
flowers	These make seeds to grow into new plants. Their petals attract pollinators to the plant.
nutrients	These substances are needed by living things to grow and survive. Plants get nutrients from the soil and also make their own food in their leaves.
evaporation	When a liquid turns into a gas.

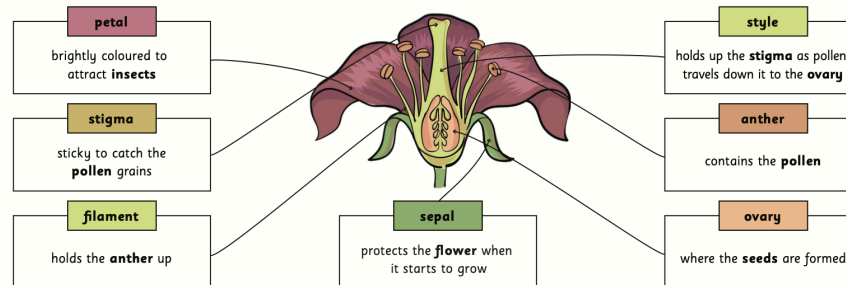
To grow, plants need:

- water
- nutrients from the soil
- light
- air
- room to grow



Flower

The flower's main job is to create new seeds.



Parts of a plant

