

Science Knowledge Organiser: Year 1 - Summer term – Plants.

How do plants grow?

What we already know:

- Trees have different names and are evergreen or deciduous.
- Name different plants in our local environment.
- What things need to grow – water, light, soil.
- Plants grow from seeds or bulbs
- We eat some plants.

Key Vocabulary:

- * Wild plant
- * Garden plant
- * Seed
- * Bulb
- * Leaves
- * Germination
- * Roots
- * Shoots

What we are going to learn:

- A seed contains a miniature plant that can develop into a fully grown plant
- A bulb has underground vertical shoots which already has modified leaves
- Seeds and bulbs need water to grow but most do not need light (germination)
- Seeds and bulbs have food stores inside them to help the plant start to grow.
- To survive plants, need to get water, light, and avoid being eaten
- A seed produces roots to allow water to get into the plant.
- A seed produces shoots to produce leaves to collect the sunlight.
- A basic plant structure can include leaves, flowers (blossom), petals, fruit, roots, bulb, seed, trunk, branches, stem

What we are going to learn next time: How do plants grow?

- All flowering plants make seeds (reproduction) that can grow (germinate) into new plants
- Plants need water, light and a suitable temperature to grow and stay healthy