



Objectives and Sticky Knowledge



Previous Knowledge Recap:

- Know and name a variety of common wild and garden plants.
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- Know and name the petals, stem, leaves and root of a plant.
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- Know and name the roots, trunk, branches and leaves of a tree.

Land Objectives and Sticky Knowledge:

<p>Know and explain how seeds and bulbs grow into plants.</p>	<p>Know what plants need in order to grow and stay healthy (water, light & suitable temperature)</p>
<ul style="list-style-type: none"> • I can explain that the plant begins as a seed or bulb. • I can explain that the seed germinates and grows roots. • As the plant grows, it develops leaves. • The plant then grows flowers or fruit. • Seeds are dispersed by the wind or by insects. • The parent plant begins to die and the seeds that have been dispersed begin to grow. 	<ul style="list-style-type: none"> • I know that plants need water, sunlight and the right temperature to grow.

Links with Golden Thread:

Sustainable planting and growing
Planting in our school environment

Links with CST and CKA Values Crown:

Stewardship – caring for God’s gifts
Thinking of everyone – the common good





Key vocabulary

- **plant** – a living thing that usually grows in soil



- **flower** – the part of a plant that blooms



- **fruit** – a part of a plant that contains seeds



- **vegetable** – a part of a plant that can be eaten as food, such as a stem, root or leaf



- **herb** – a plant that can be used to flavour food



Factual knowledge

- A plant is a living thing.
- There are many different types of plants.
- Many plants have flowers or fruit.
- Parts of some plants can be eaten.
- Plants need water to grow and stay healthy.
- Plants need light to grow and stay healthy.
- If plants do not have water and light, they may become weak and not grow properly.
- Trees have roots, a trunk, branches and leaves.
- Many trees have blossom or fruit.
- Flowering plants have roots, a stem, leaves and petals.

- **independent variable** (what will change) – the amount of light the plant receives



- **dependent variable** (what will be measured) – the growth of the plants, the height of the plants



- **controlled variables** (what is kept the same) – the number of seeds in a pot, the amount of water the plant receives, the amount of soil in the pots



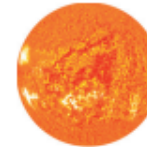
- **seed** – a part of a plant that can grow into a new plant



- **plant** – a living thing that usually grows in soil



- **sunlight** – the light from the Sun



- **compost** – a type of soil



Sky Objective: Begin to pass comment on what has happened in a simple investigation.