

Growing Plants!

Knowledge
Organiser
Science
Year Group: 2
Summer 1

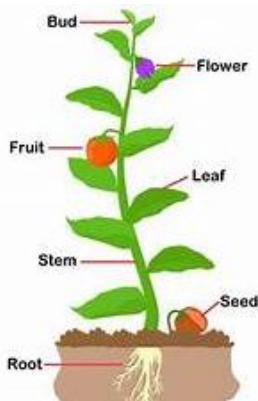
What I will learn:

I will learn that different plants grow from different seeds (or bulbs) and that you must look after these seeds in different ways. I will learn how these seeds are dispersed.

I will know what germination is and that it will only happen if the conditions are just right. I will know how a plant changes as it grows from a seed or bulb.



Each part of a plant has a different purpose to help the plant survive.



What I should already know:

- Plants grow from seeds.
- Lots of plants grow in the spring.
- Plants need light, air, warmth, nutrients and water to grow.

WALT 1: understand that different seeds grow into different plants and to describe them.

WALT 2: understand that plants can be grown from bulbs.

WALT 3: be able to explain why and how seeds are dispersed.

WALT 4: plan, carry out and evaluate an investigation into the conditions that affect germination.

WALT 5: observe and describe how a plant changes as it matures.

Key Vocabulary	
plants	Living organism such as trees, grasses and herbs.
germination	When a seed begins to grow roots and shoots.
seed	The small parts produced by plants from which new plants grow.
bulb	A round root of some plants from which the plant grows
stem	Carries water and nutrients to different parts of the plant. It supports the plant to keep it upright.
roots	Take up water and nutrients from the soil. They anchor the plant to the ground, keeping it steady.
petals	Colourful to attract insects. Where seeds are made from pollination.
leaf	A flat, thin plant organ that uses the sun to make food.
vegetable	A plant or part of a plant used as food, such as a cabbage, potato or turnip.
fruit	The sweet and fleshy product of a tree/plant that contains seed and can be eaten as food.
herb	Any plant with leaves, seeds, or flowers used for flavouring, food, medicine, or perfume.

