



Year 1/2 Science Knowledge Organiser: Plants



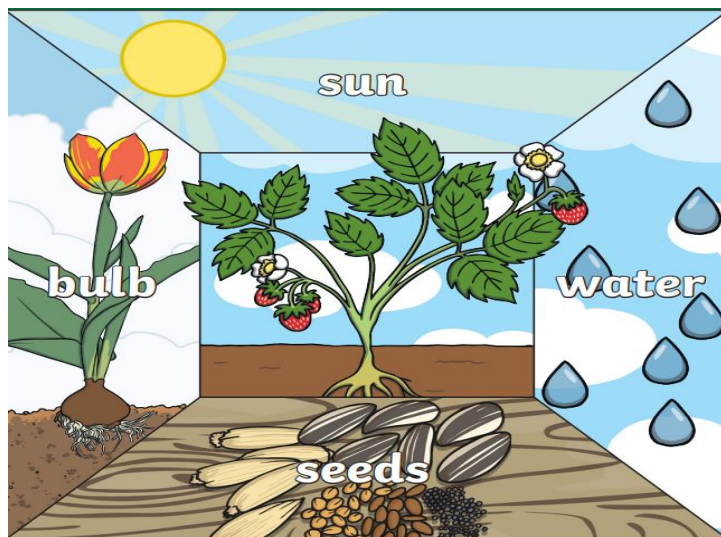
Subject Specific Skills

- I can observe and describe how seeds and bulbs grow into mature plants.
- I can find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

Prior Learning

- Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.
- Identify and describe the basic structure of a variety of common flowering plants, including trees.

Key Knowledge- Plants need **sunlight**, **water**, the right **temperature** and **nutrition** to grow well.



Key Vocabulary

Root - The part of the plant that keeps it in the ground. The roots absorb water and nutrients from the soil.

Stem - The part of the plant that can be seen above ground. The stem is responsible for moving water and minerals from the roots to the leaves and flowers.

Flower - The part of the plant that is responsible for reproduction. The main structures of a flower are the petals, stamens, carpels and sepals.

Leaf - The part of the plant that makes food.

Germination - When the conditions are right, the seed soaks up water and swells, and the tiny new plant bursts out of its shell. This is called germination.

Shoot - A shoot grows upwards from the seed or plant to find sunlight.

Seed dispersal - Seed dispersal is when the seed moves away from the parent plant. They can drop to the ground in the plant's fruit or be moved by the wind or animals.

Key Knowledge - The life cycle of a plant.

