

Year Group: 3
Summer

Knowledge Organiser: Science - Plants
Theme: Rainforest Explorers



Plants

You will explore what a plant needs to survive and how this differs from plant to plant.

You will learn how the parts of a flowering plants are important to its survival.

You will investigate how water is moved around plants.

You will learn why flowers are important in the life cycle of flowering plants.

What have I learnt already:

The names and structure of common plants and trees

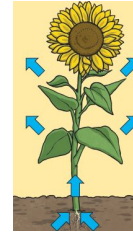
How seeds and bulbs grow into plants

Plants need water, light and a suitable temperature to stay healthy

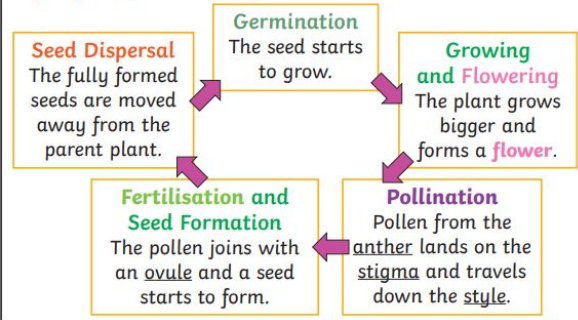
Key knowledge that will be learnt

How water moves through a plant

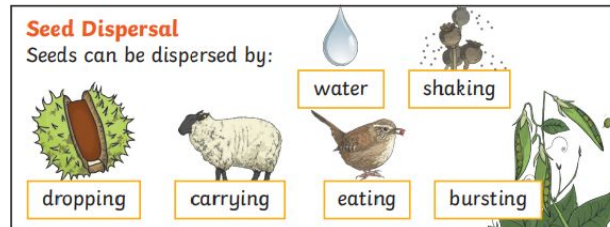
1. The roots absorb water from the soil.
2. The stem transports water to the leaves.
3. Water evaporates from the leaves.
4. This evaporation causes more water to be sucked up the stem.



Life Cycle of a Flowering Plant



The flower's job is to create seeds so that new plants can be grown.



Key Vocabulary:

Roots	Absorbs water from the soil
Stem	Holds the plant up and carries water from the soil to the leaves
Leaves	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
Seed dispersal	How seeds are moved away from the parent plant so they have the best chance of survival