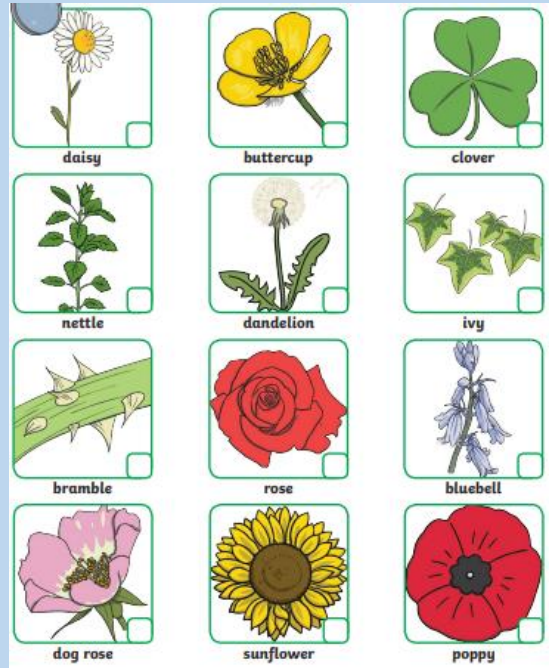


Science Learning Objectives

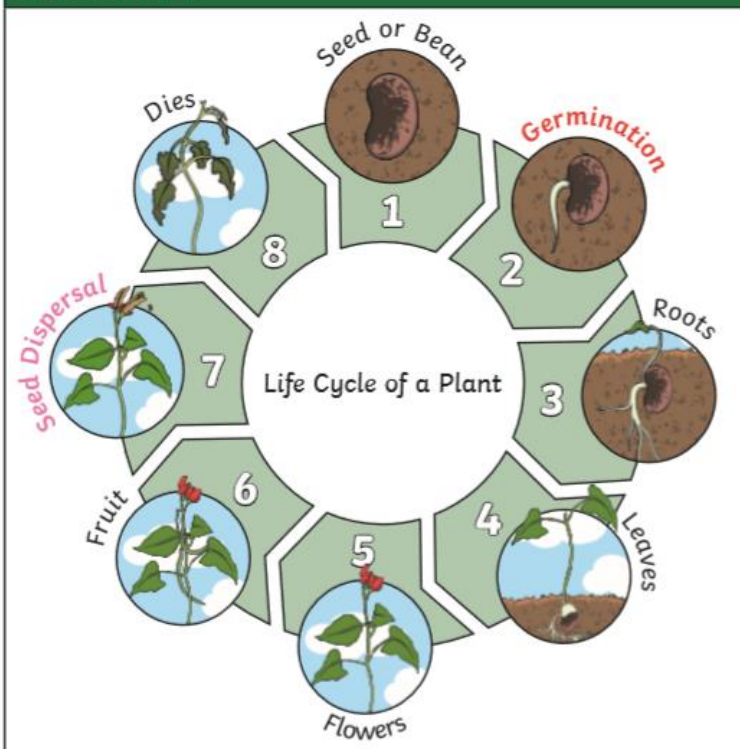
1. To know and identify some common plants (trees and flowering plants) in the local environment.
2. To know that plants may grow from either seeds or bulbs.
3. To know that seeds germinate and grow into seedlings which then continue to grow into mature plants. These mature plants may have flowers which then develop into seeds, berries, fruits etc.
4. To know what plants need to germinate including: light, soil nutrients, water, air and a particular temperature to grow well.
5. To know that seeds and bulbs need to be planted outside at particular times of year and they will germinate and grow at different rates.
6. To know that some plants are better suited to growing in full sun and some grow better in partial or full shade. Plants also need different amounts of water and space to grow well and stay healthy.

Key Vocabulary

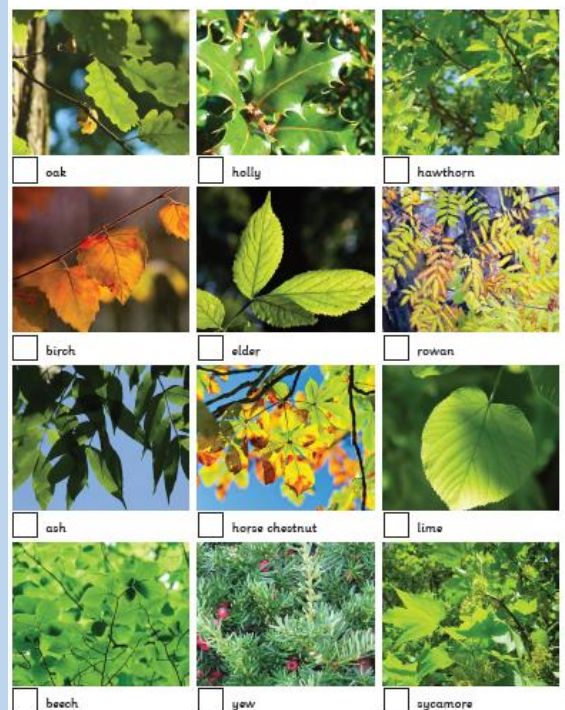
germination	When the conditions are right, the seed soaks up water and swells, and the tiny new plant bursts out of its shell. This is called germination .
sprout	When a plant sprouts , it grows new shoots .
shoot	A shoot grows upwards from the seed or plant to find sunlight .
seed dispersal	Seed dispersal is when the seeds move away from the parent plant. They can be moved by the wind or animals.



Key Knowledge



Tree Identification



Key Vocabulary

What do plants need to grow well?

sunlight

All plants need light from the sun to grow well. Some plants need lots of **sunlight**. Some plants only need a little **sunlight**.

water

All plants need **water** to grow. Without **water**, seeds and bulbs will not **germinate**.

temperature

Temperature is how warm or cold something or somewhere is. Some plants like cooler **temperatures** and some like warmer **temperatures**.

nutrition

Food or nourishment. Plants make their own food in their leaves using **sunlight**.

Key Knowledge

