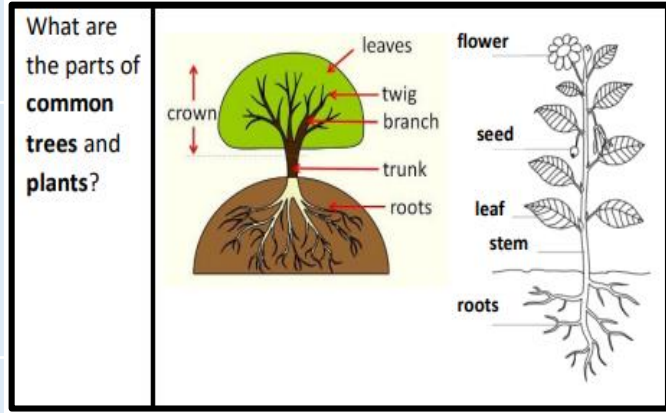
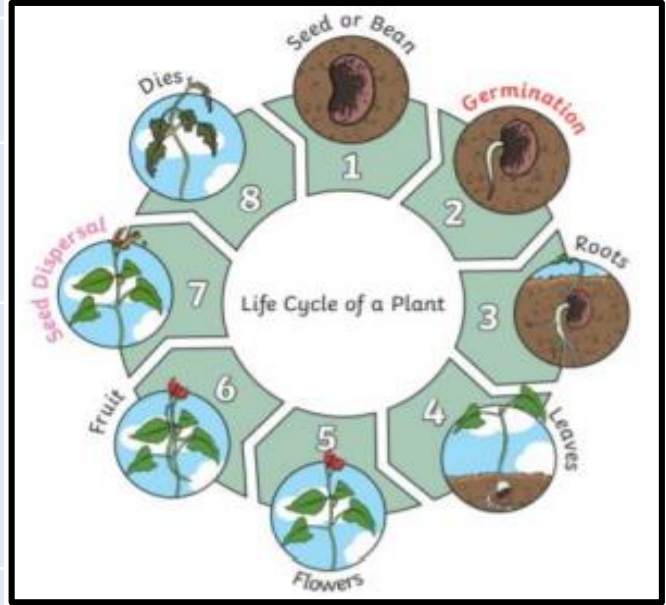


Key Vocabulary

Words	Definitions
Seed dispersal	When the seeds move, carried by the wind or animals, from the parent plant.
Sprout	When a plant sprouts, it shows new shoots.
Shoots	A shoot that grows upward from the seed or plant to find sunlight.
Temperature	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.
Germination	When the environment is right, the seed soaks up water and swells. A tiny plant grows from out of the seed.
Reproduce	Make more plants through germination.

Year 2: SCIENCE Knowledge organiser: Plants



Key Questions

- What do plants need to grow and survive?
- What do seeds need to be dispersed?
- Can plants grow without soil?
- How do seeds germinate and reproduce?
- How do seeds and bulbs grow into mature plants?
- What's inside a seed?
- How do plants grow in hot, dry or cold places?
- What are the main functions of a plant?

Procedural Knowledge

- Go on a **plant/tree** hunt. What do you notice about what they look like? What are their features?
- **Plant a bulb or seed** and watch it grow. Record your observations in a diary. Compare the growth of that **plant** (using the same **bulb or seed**) where one of the conditions is different.
- **Plant a seed** on a wet cotton bud. Does it grow? Why might it grow for a little while and then stop?
- **Dissect a variety of fruits** and locate where their **seeds** are.
- **Eat a variety of vegetables** and identify which part of the **plant** they come from.
- Create a bar chart to show how tall your plants are to the nearest cm.