PLANTS - YEAR 3 SUMMER TERM

Sticky Knowledge

Pollination

Lots of plants rely on **insects** like **bees** and **butterflies** to **reproduce**.

To make a **seed**, a **flower** needs to be **pollinated**. This means that **pollen** from one flower needs to travel to another.

To encourage bees to visit them, flowers have **colourful petals** and an **attractive scent.**

When **pollen** has been taken from a **flower**, the flower produces **seeds** and then **dies**.

Spreading Seeds

Plants spread their seeds in lots of different ways. This is called **seed dispersal.**

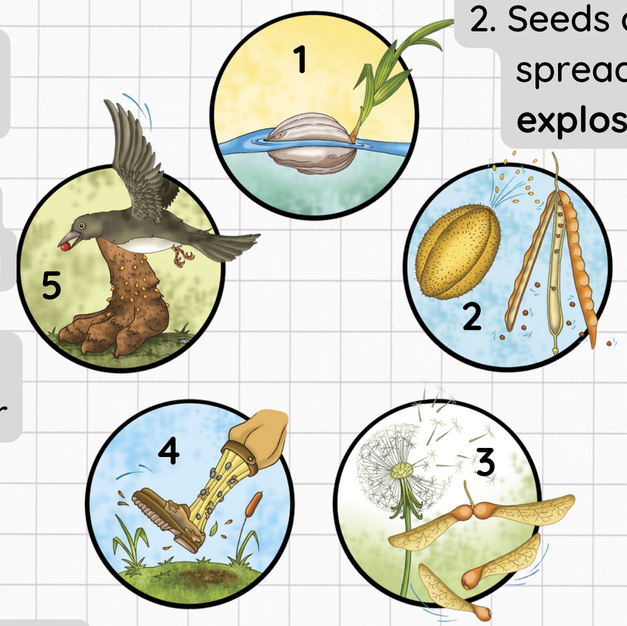
1. Seeds can be transported by **water**.

2. Seeds can be spread by **explosion**.

3. Seeds can be spread by the **wind**.

4. Seeds can be spread by **humans**.

5. Seeds can be spread by **animals eating** them and **excreting** them or by seeds getting **caught** in their fur.



Plant Functions

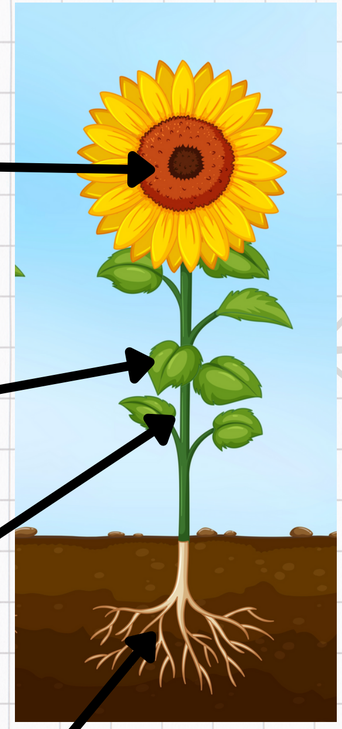
The different parts of a plant have different **functions**.

Flowers are involved in **reproduction** and produce **seeds** from which new plants grow.

Leaves make **food** for the plant using **sunlight** and **carbon dioxide** from the air.

The **stem** helps the plant maintain its **upright position** and **transports water** from the roots to the rest of the plant.

The **roots anchor** the plant and **absorb water** and **nutrients** from the **soil**. The roots have **little hairs** to absorb as much water as possible.



Key Vocabulary

nectar	A sugary liquid in flowers to attract insects.
carbon dioxide	A gas in the air that is absorbed by plants to make food.
explosion	When a seed pod or fruit bursts open releasing the seeds.
scent	A nice or pleasant smell.
pollination	The transfer of pollen from one flower to another.
pollen	A yellow powder produced by a flower for reproduction.
dispersal	To spread in different directions over a large area.
petal	The coloured parts of a flower that attract insects.
fertilisation	When pollen from two separate flowers joins to make new seeds.
nutrients	Chemicals in the soil which plants need to grow well.