

Plants

KS1

What I should already know

- Plants are living things, that means they are alive.
- Plants can grow and reproduce.
- Name some plants and trees.
- Name some parts of a flowering plant and a tree.
- Describe what happens to plants and trees through the seasons.

What I will know by the end of this unit

- **Plants** grow from **seeds** and **bulbs**.
- Plants need air, water, time, warmth, **nutrients** from soil and light to grow.
- Seeds come from the **flowering plant**. Seeds are baby plants that have not grown yet.
- Bulbs are **mature plants** that have grown up before, and made by the mature plant under the ground.
- Seeds and bulbs have a **store** of food inside them to help the plant to grow until it can make its own food.
- **Germination** is the name for when a plant starts to grow. Seeds and bulbs **germinate** and grow into **seedlings** which then grow into **mature plants**.
- Plants have a **life cycle** that helps them to keep **reproducing**.

What I will be able to do by the end of this unit

- **Ask questions** about plants.
- **Name** and **label** the different parts of a plant.
- **Explain** the importance of each part of a plant.
- **Compare** different seeds and bulbs, looking for similarities and differences.
- **Sort** seeds and bulbs using a Venn Diagram.
- **Investigate** what plants need to grow and to be healthy by setting up a fair test.
- **Make predictions**
- **Make careful observations**.
- **Take accurate measurements** and record data using simple charts, tables and drawings.
- **Record** what I have found out using scientific language.
- **Conclude** what I have found out.

Science Strand

Biology

Vocabulary

living things

plants

trees

flowers

seeds

bulbs

nutrients

flowering plant

mature plant

food store

germination

germinate

seedling

life cycle

reproduce

grow

temperature

