

I learned a bit about
this in Year 1!

Year 2 Science Knowledge Organiser

Plants

Key Knowledge

Plants are living things. This means they can grow and **reproduce**.

Plants grow from a **seed** or a **bulb**. They then **germinate**, grow roots, turn into a **seedling** before they **mature** and are able to produce their own seeds or fruit to grow new plants. This is called a **life cycle**.

Most flowering plants grow from seeds – these are the most common types of flower in the UK.

Flowers can be grown by humans from seeds or they can be wild flowers grown by nature. This happened when seeds are carried by the wind or grow from things like animal poo!

In order to grow healthily, plants need, sunlight, water, nutrients from soil and a good temperature.

Plants can still grow in different conditions but they may not be healthy plants.

A bulb is different from a seed because it has a mini version of the plant inside it.

Key Vocabulary

Reproduce	Using new seeds to create more plants
Life Cycle	When a plant grows from a bulb or seed into a fully grown plant
Germinate	When a plant is first starting to grow
Pollinate	When the wind or insects take pollen from a plant to help create new plants
Mature	A fully grown plant



Different types of seeds.



A bulb



To grow **healthily** plants need:



Water



Nutrients



Sunlight



Good temperature

