



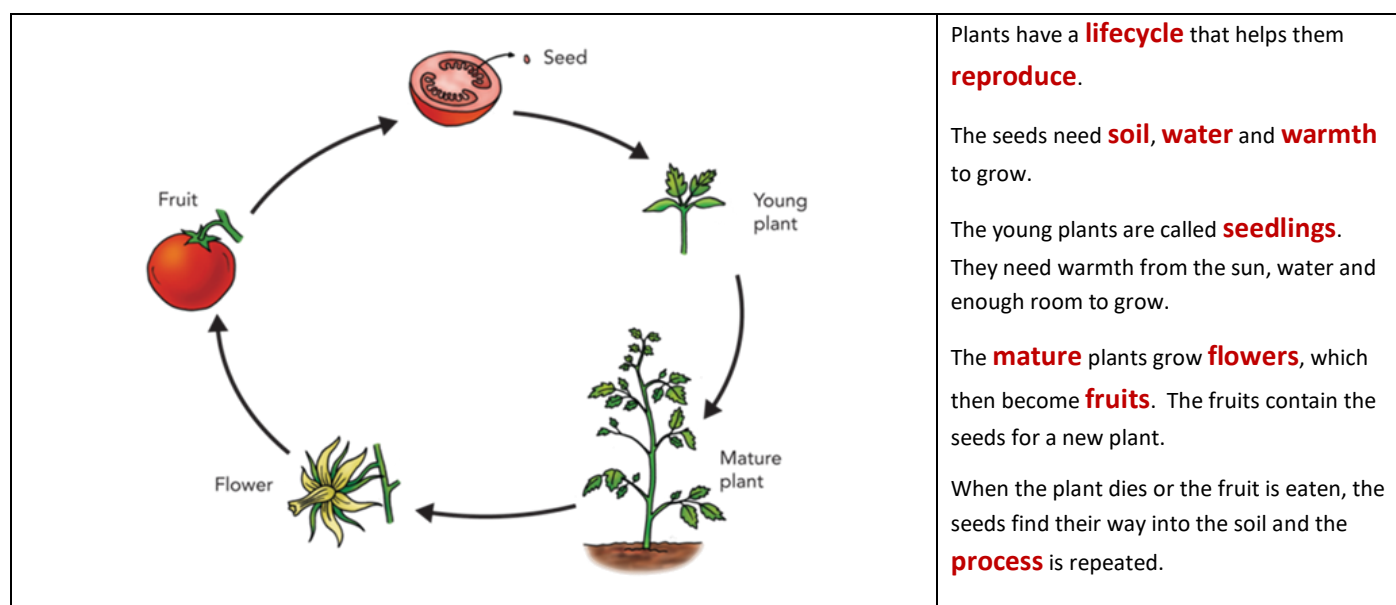


Year 2 Knowledge Organiser—Plants

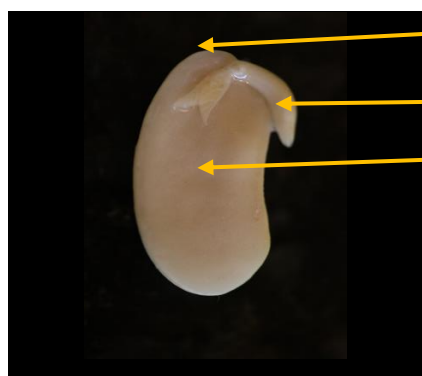
Plants are part of a large group of **living things**. There are many different types of plants.

Plants use **sunlight** to make their own food.

What Do Plants Need to Grow?			
Sunlight	Water and Nutrients	Temperature	Space
			
Most plants need sunlight to help them grow healthily. They use sunlight to make food. Plants that do not get enough sunlight grow weak.	Like us, plants need water and nutrients to survive. Plants get water from the soil, through their roots .	The temperature needs to be just right for plants to grow properly. If it is too hot, they could dry out and wilt , too cold and they will die.	Plants need room for their roots. If they are over crowded they will not grow well. There may not be enough, food, water or sunlight for lots of plants in the same area.



Plants can grow from **seeds** or **bulbs**. We call this process **germination**. A seed is **germinating** when it begins to **sprout**.



The seed has a **tough outer coat**, which **protects** the plant.

Inside the seed is the baby plant, or **embryo**.

Seeds do not need the sun to grow, they have their own **food store** which will last until the first **seedling** leaves appear.

Seeds need the conditions to be right so they can **germinate**. They need **water, air** and the right **temperature**.

