



Lesson Sequence



1. Know the differences between seeds and bulbs



2. Design an experiment to find out what plants need to grow



3. Describe what plants need to grow and stay healthy



4. Describe the life cycle of a plant



5. Observe and record the growth of plants over time



6. Understand that plants adapt to suit their environment

What Plants Need to Grow

Plants need **water** to survive. Plants get water through their roots.

Plants need the right **temperature** to grow.

Plants need **sunlight** to help them grow and make their own food.

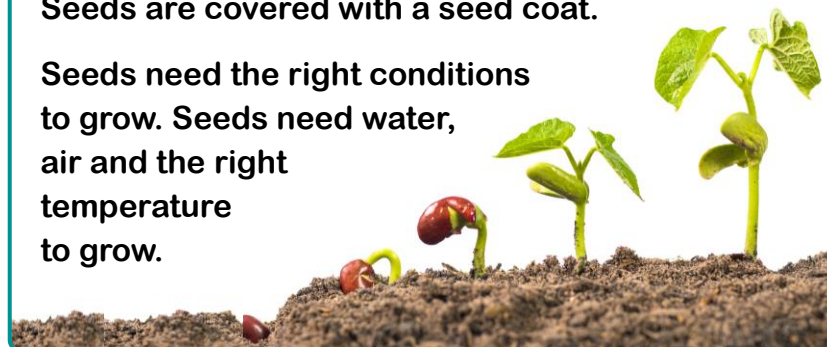
Plants need **room** to grow. Plants need time to grow. It can take days, months or even years for them to grow.



Life Cycle of a Plant

A plant **germinates** when it starts to grow. Inside a seed/bulb is the baby plant. Seeds are covered with a seed coat.

Seeds need the right conditions to grow. Seeds need water, air and the right temperature to grow.



Life Cycle of a Plant

Plants begin life as **seeds or bulbs**. They need soil, air and water to grow. Plants grow into young plants called **seedlings**. Plants grow **flowers and fruits**.

These produce seeds. When the plant is pollinated, the seeds find their soil. The process starts again!

