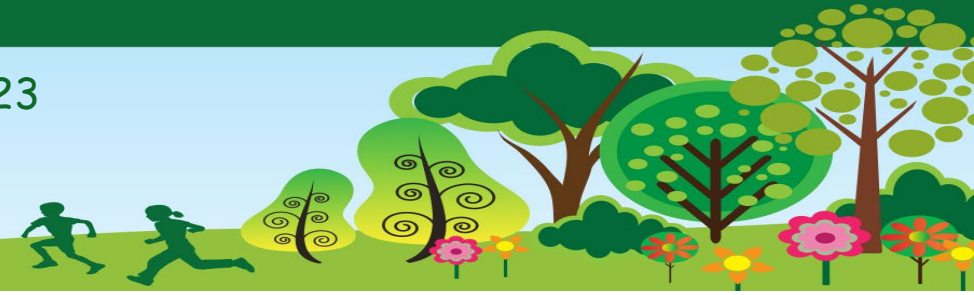




Plants - How does our garden grow?



STICKY KNOWLEDGE

A bulb is a plant bud that begins to grow underground . A seed is part of a plant from which a new plant can grow.	Plants need soil, water, sunlight and a suitable temperature to grow.	Green plants use sunlight to make their own food. This is called photosynthesis .
Plants go through different stages of growth. Firstly, the seed germinates to become a seedling . It then grows to a young plant and produces flowers and pollen.	Plants can adapt to suit their environment .	

KEY VOCABULARY

bulb	a plant bud that begins to grow underground
seed	a part of a plant from which a new plant can grow
photosynthesis	the process in which green plants use sunlight to make their own food
investigate	to observe closely through testing
oxygen	one of the main gases that make up air

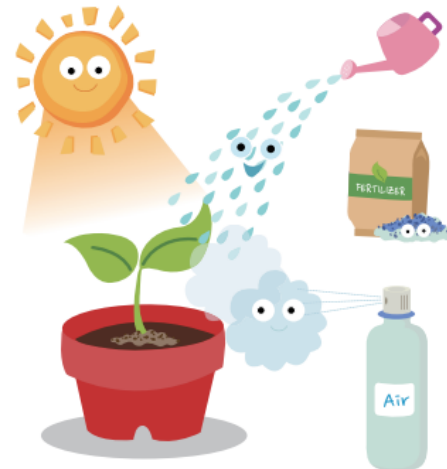
What Plants Need to Grow

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.

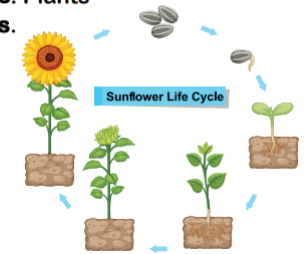
Plants need **room** to grow. Plants need time to grow. It can take days, months or even years for them to grow.



Life Cycle of a Plant

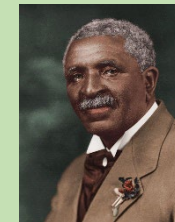
Plants begin life as **seeds or bulbs**. They need soil, air and water to grow. Plants grow into young plants called **seedlings**. Plants grow **flowers and fruits**.

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



Key Scientist:

George Washington Carver



Carver was a was an African American agricultural scientist and inventor who made new discoveries that helped farmers and changed lives around the world. He discovered many products made with peanut, soybean, and sweet potato. He helped farmers with their failing crops by teaching them anout crop rotation to improve soil fertility