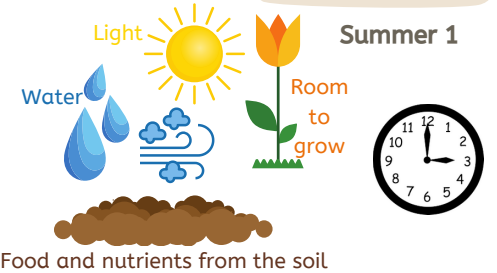




George Washington Carver's research into crop rotation helped farmers to be more successful and grow more diverse crops.

Plants need certain things to live and grow. Different plants vary in how much of these things they need.

Year Two Plants



They also need time. It can take days, months or even years for them to grow.

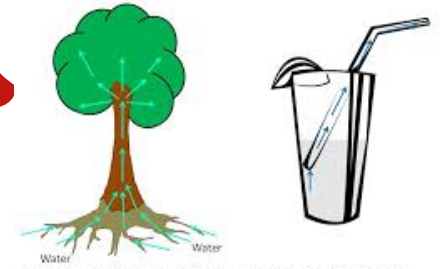


Plants need **room** for their roots and stems to be able to grow. Without enough space, they may not grow large enough.

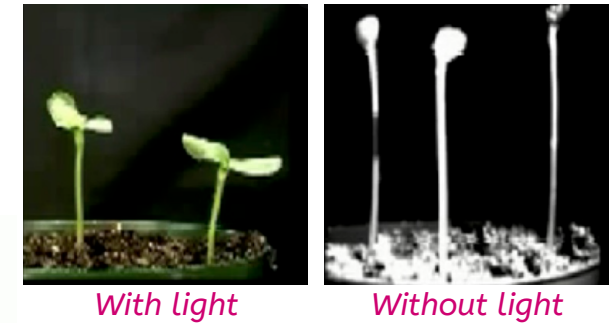


Like animals and humans, plants need **water** and nutrients to survive.

Plants are able to get water from the soil through their roots. They can also catch water on their leaves.



Plants need lots of **sunlight** to help them grow. If they don't have enough light, the plant will become weak.



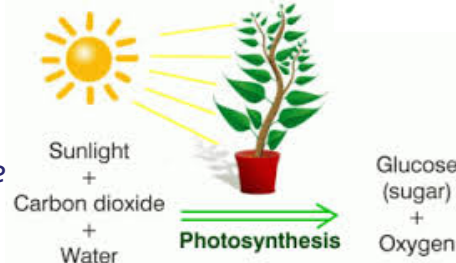
Plants do not eat food. Instead, they use sunlight to make their own food.

Plants need the **temperature** to be just right for them to grow properly.

If it is too hot, they may burn and wilt. If it is too cold, they may freeze and die.



This is why there are fewer plants in the deserts and in the poles.



Glossary

Crop rotation - changing which plants are grown in an area, every year, to help replace the nutrients in the soil.

Nutrients - something that provides nourishment for growth.

Temperature - how hot or cold something is.

Sunlight - the light and energy that comes from the sun.

Water - a liquid that comes from the clouds as rain.