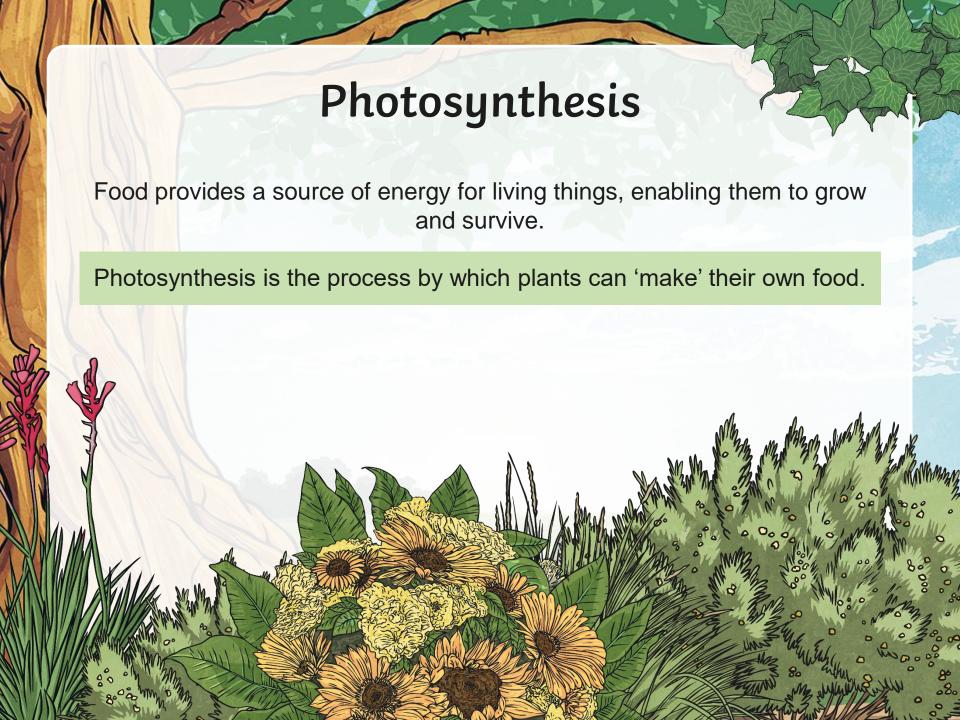
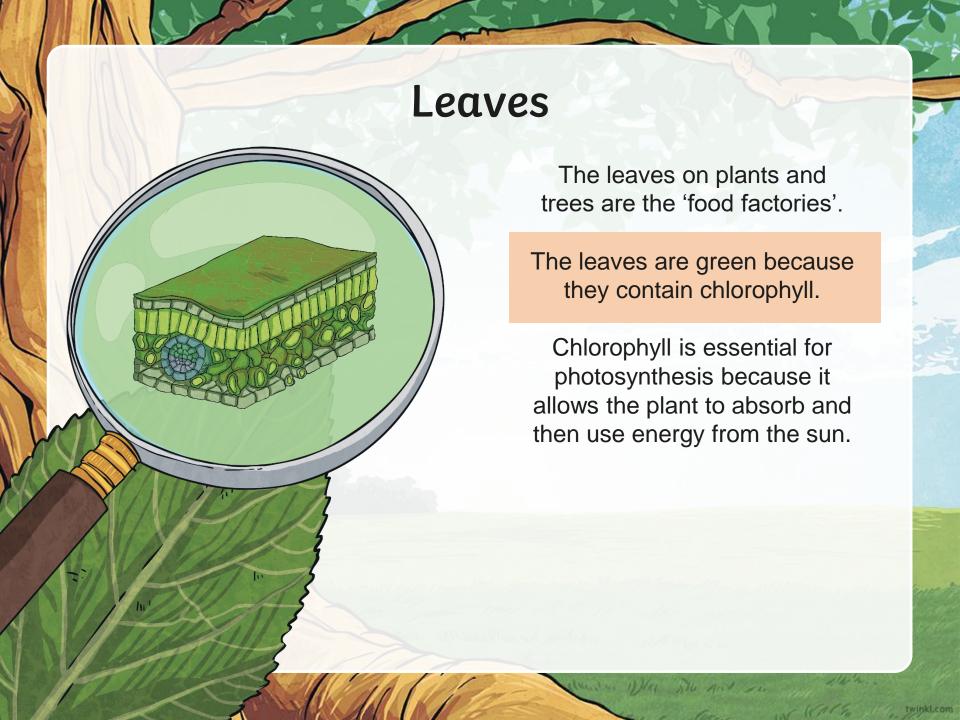


What Does a Plant Need to Grow? How does the sunlight plant use these resources to grow? air nutrients water

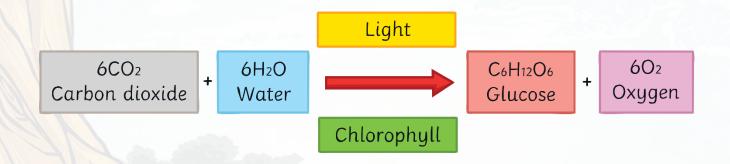




Carbon Dioxide and Water

Plants take in carbon dioxide (CO₂) from the air.

The CO₂ is combined with water (H₂O) using energy absorbed from the sun.

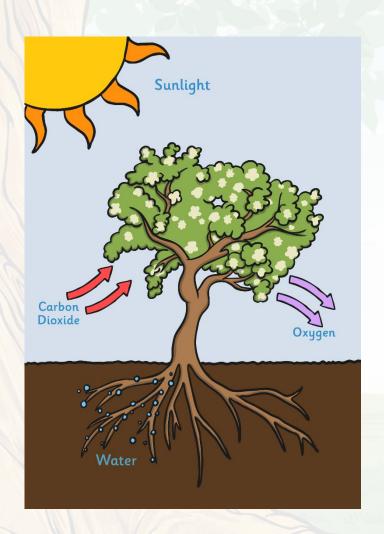


When the carbon dioxide and water is combined, it creates a sugar called glucose

 $(C_6 H_{12} O_6).$

twinkl.com

Glucose



The glucose is used for respiration or converted to a starch and stored.

After glucose is made, the plant releases oxygen (O₂) back into the air.

Plants are called 'producers' because they can produce their own food.

