

# WELCOME TO THE SCIENCE WORLD





# Self-Introduction

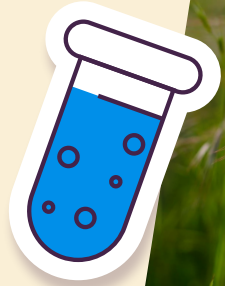
Hello!

My name is...



# THINK TIME

## What is Science?



# Science

01

**Biology**



02

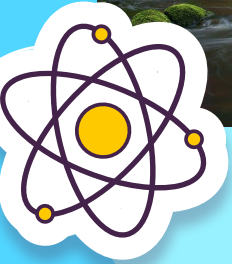
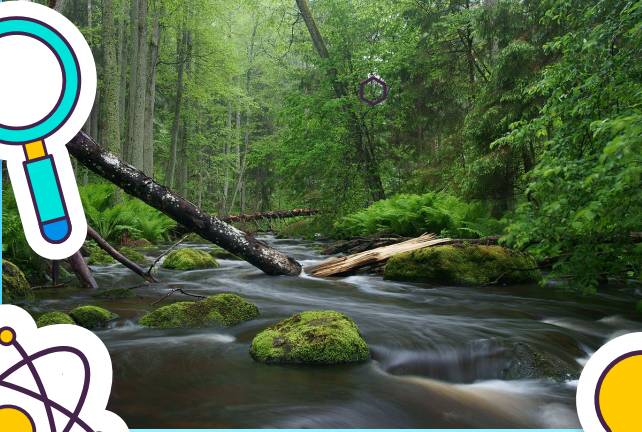
**Chemistry**



03

**Physics**





01

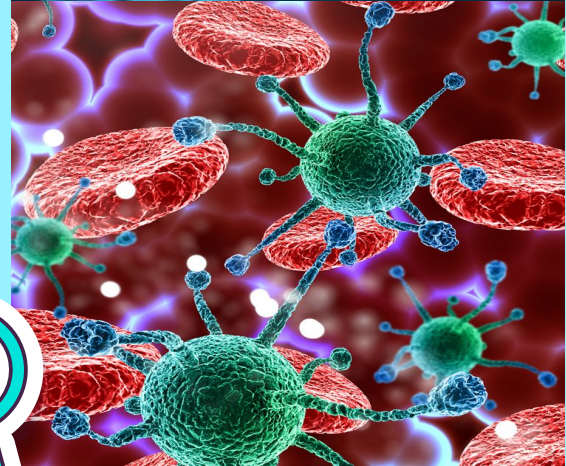


# What Is Biology?

# Biology is...

like a big book about living things! It's all about animals, plants, and even tiny things you can't see called cells.

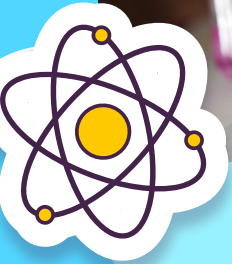
It's like learning about how plants grow, why birds can fly, and how our bodies work to keep us healthy !



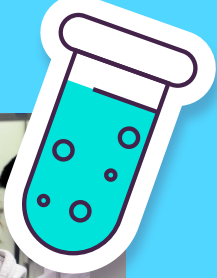








02

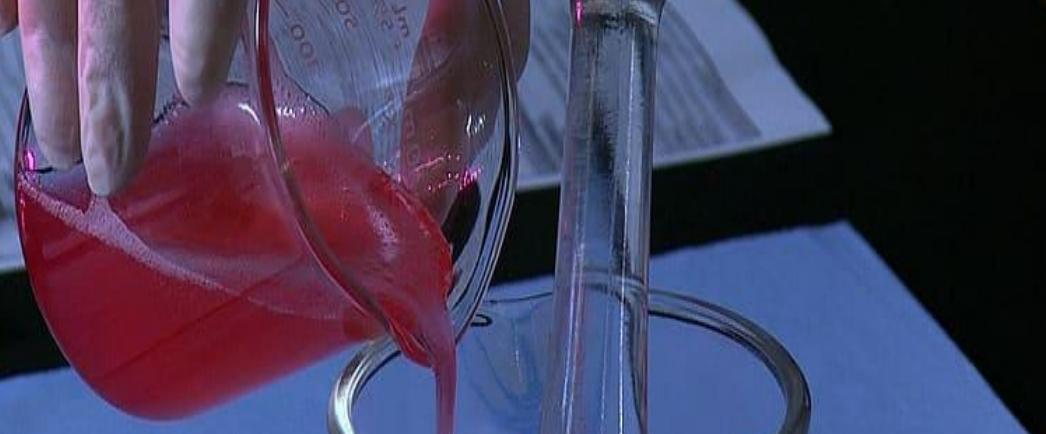


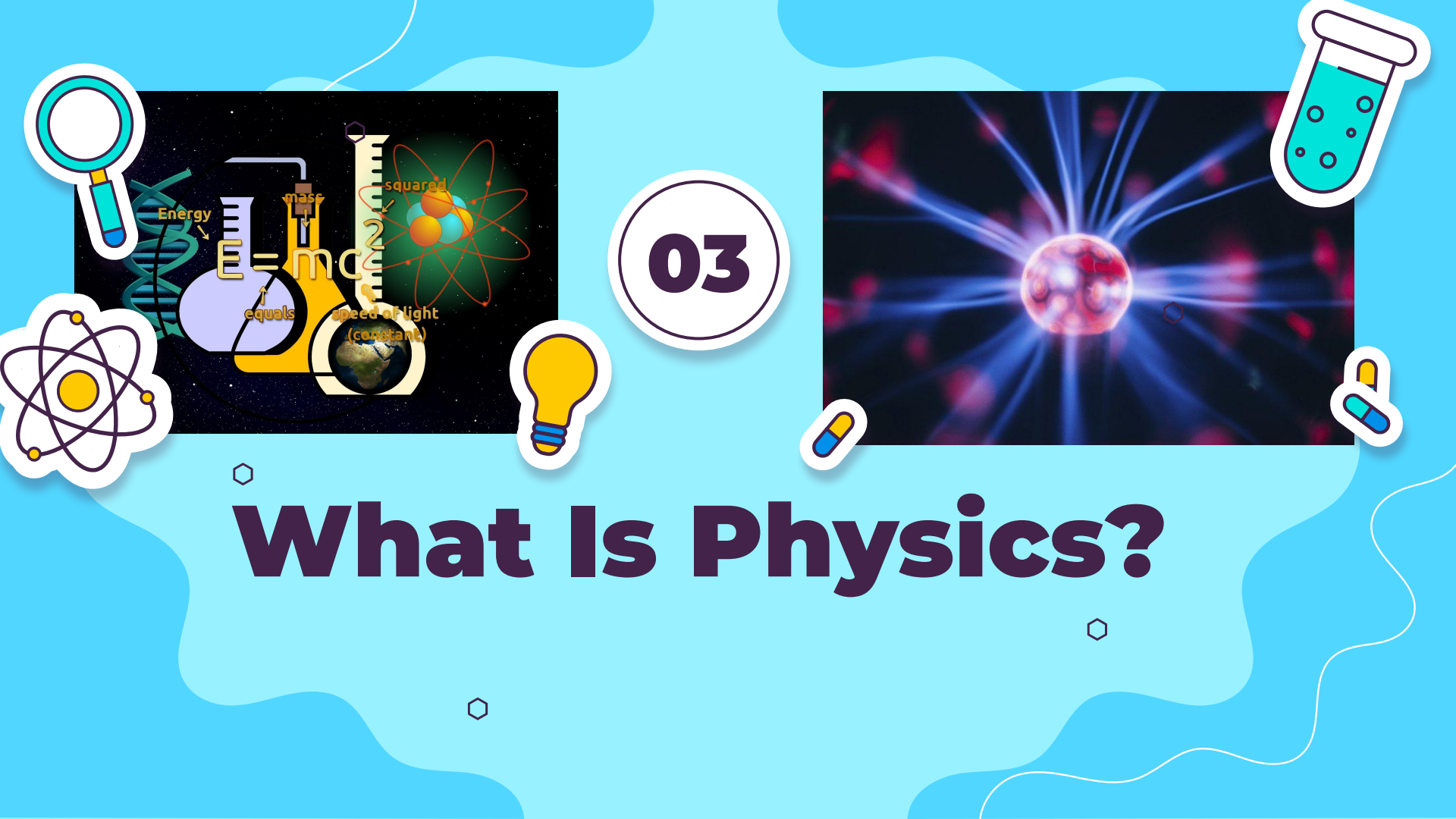
# What Is Chemistry?

# Chemistry is...

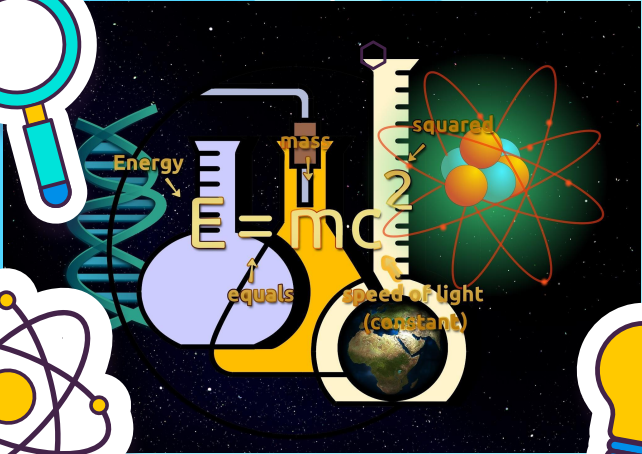
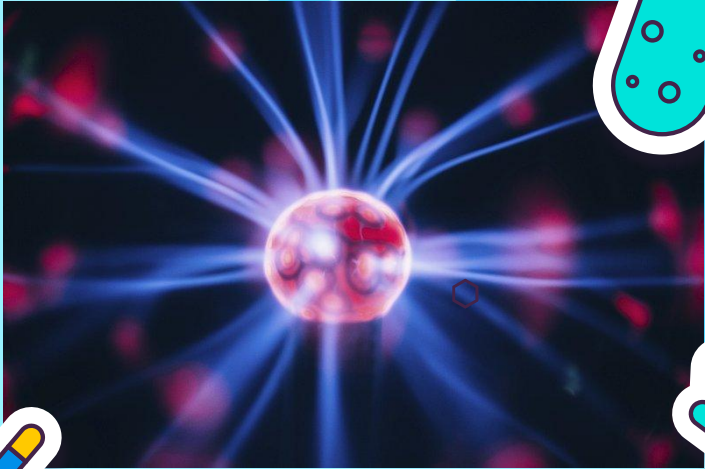
like magic mixing! It's about stuff you can touch and change, like making slime or baking cookies. It helps us understand what things are made of and how they can change when we mix them together.







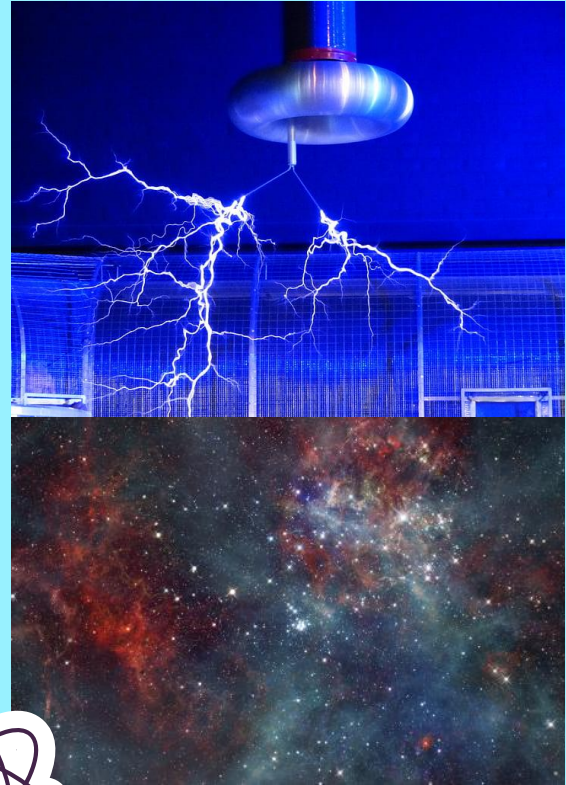
03

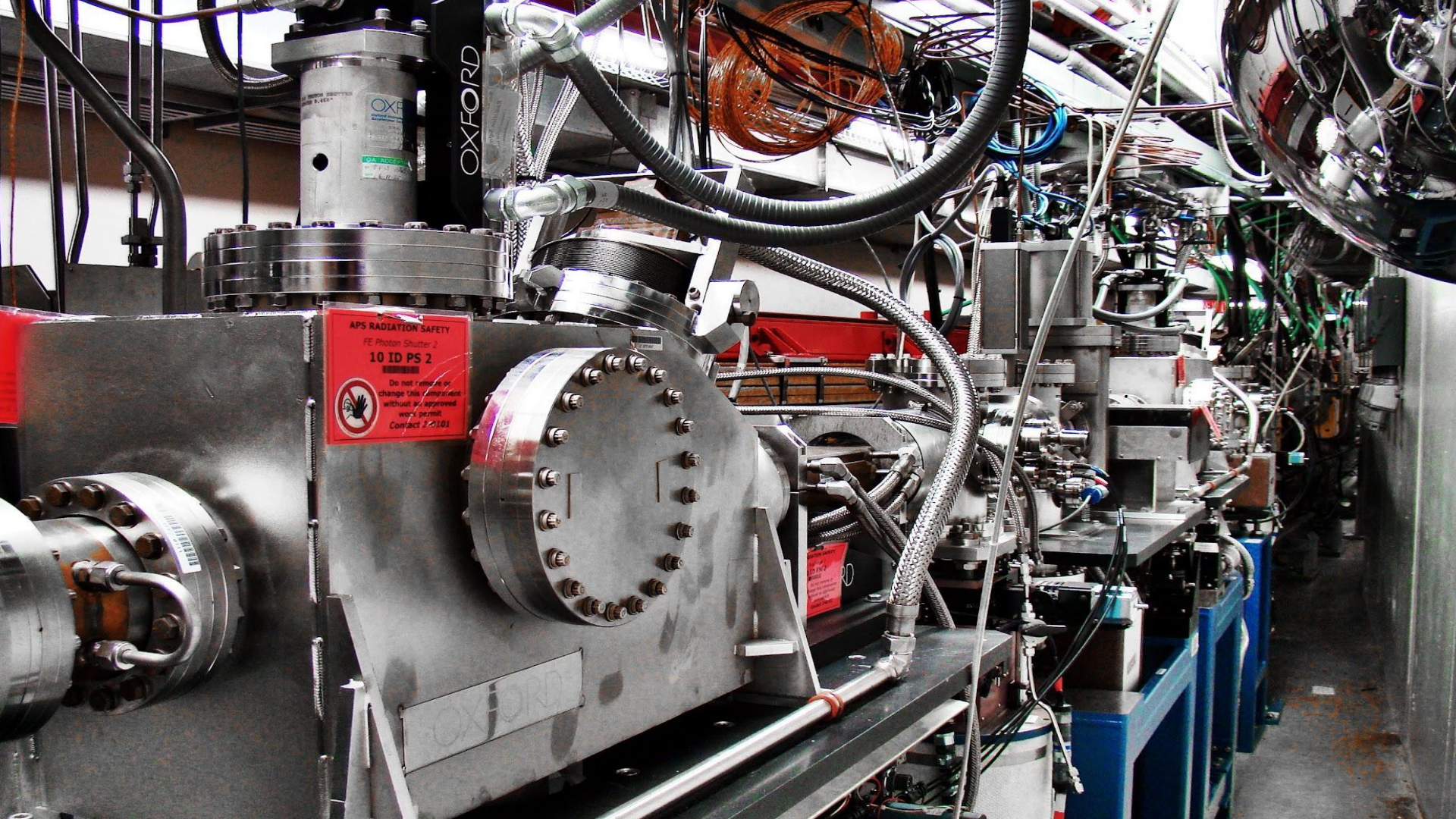


# What Is Physics?

# Physics is...

like the secret rules of how things move and work! It's like understanding why a ball bounces, why things fall down, and even how light and sound travel around. It's all about how the world around us behaves.





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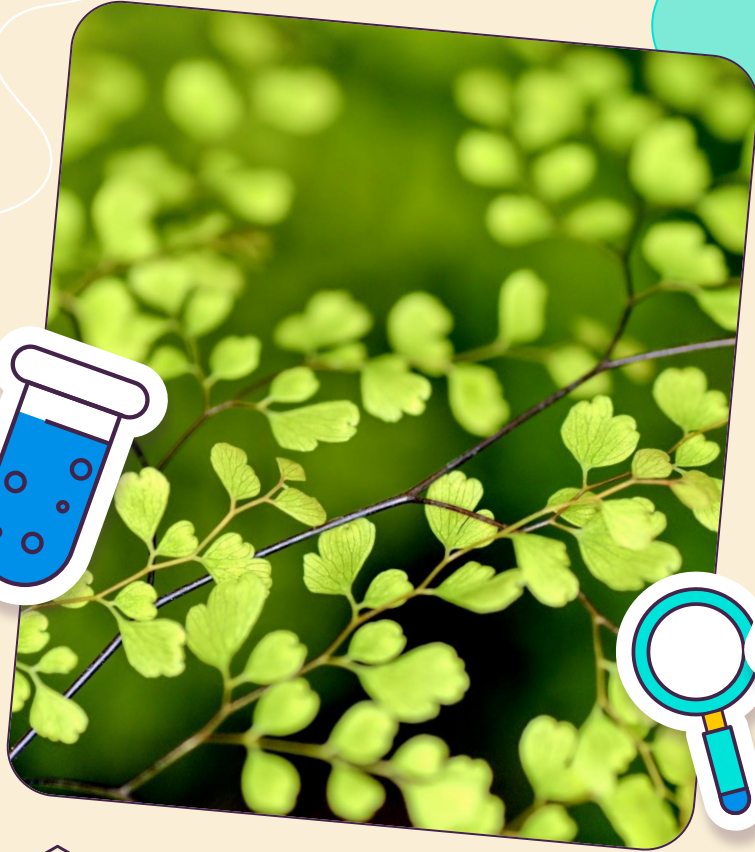






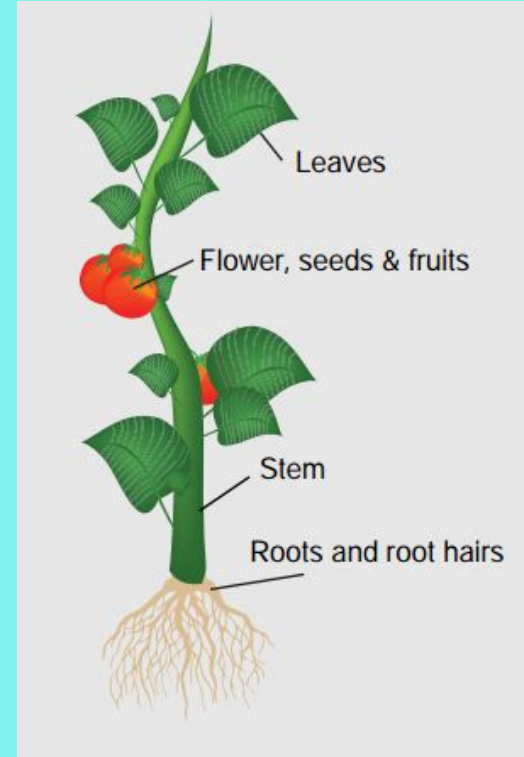
**THINK TIME**

**What is your  
favorite plant?**



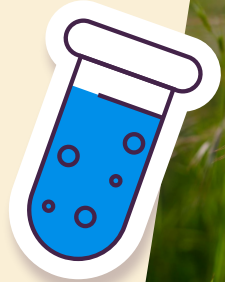
# Introduction to Plants

- Plants are living things that make their own food through a process called photosynthesis.
- They have special parts like roots, stems, leaves, and sometimes flowers.



# THINK TIME

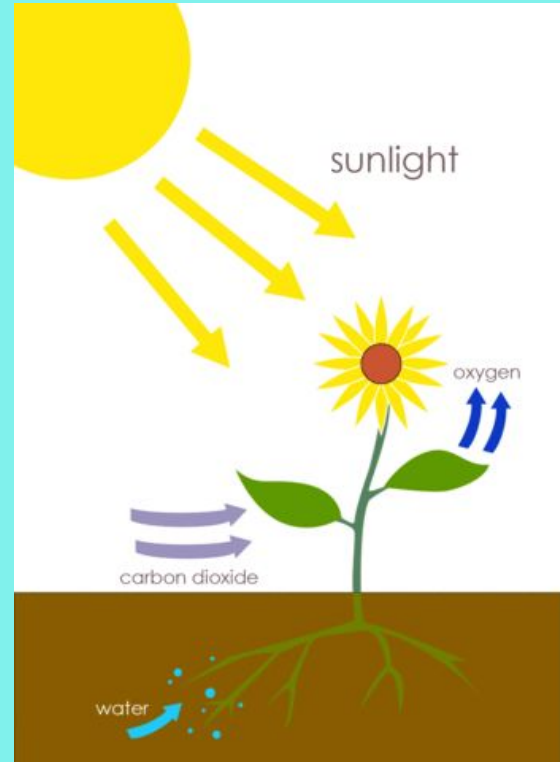
**What do you know about plants? Why are they important?**




# What Is Photosynthesis?



Photosynthesis is like a magic trick plants do to make their own food.

It's a way plants make food using sunlight, water from the ground, and carbon dioxide from the air. They mix these things together to create their food called glucose





**PBBK 600** **PHOTOSYNTHESIS** 

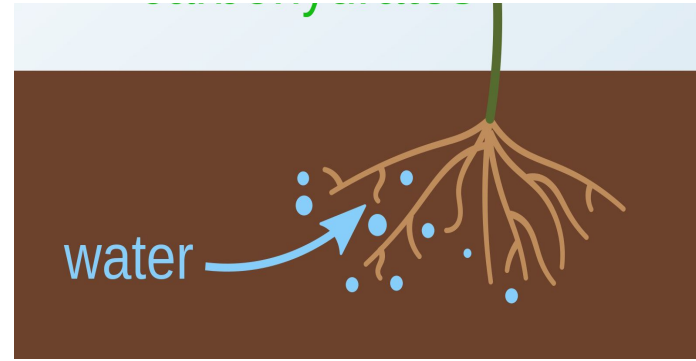


**Let's learn what does  
each part of plant  
play in the process  
of photosynthesis**



# 1. Roots

Roots are like the plant's drinking straws. They suck up water and nutrients from the soil.





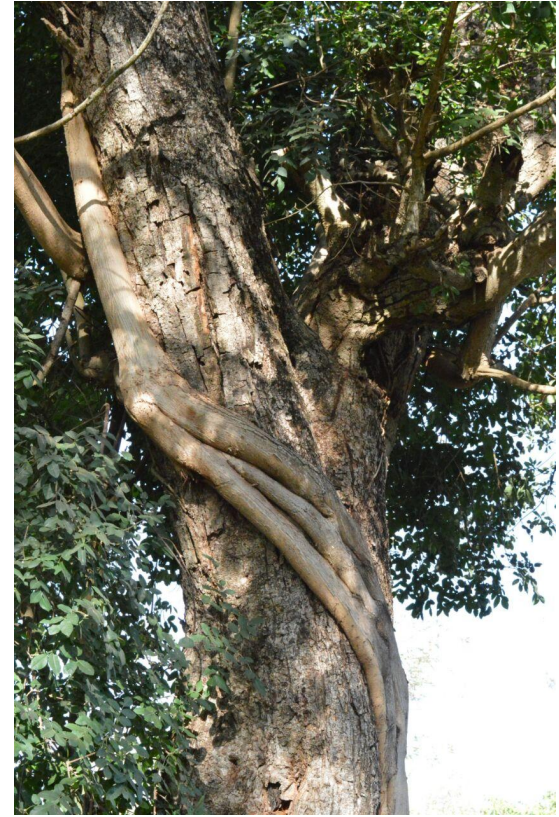




## 2. Stem

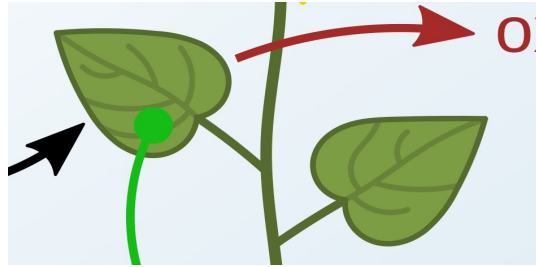
The stem is like the plant's delivery system. It carries water from the roots to the leaves.





# 3. Leaves

Leaves are the kitchen and chefs of the plant. They're where photosynthesis mostly takes place. It mixes sunlight, water from the stem, and carbon dioxide from the air to make food for the plant.









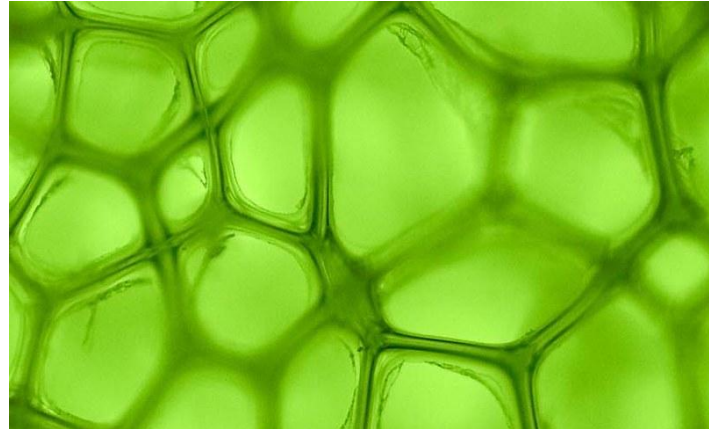


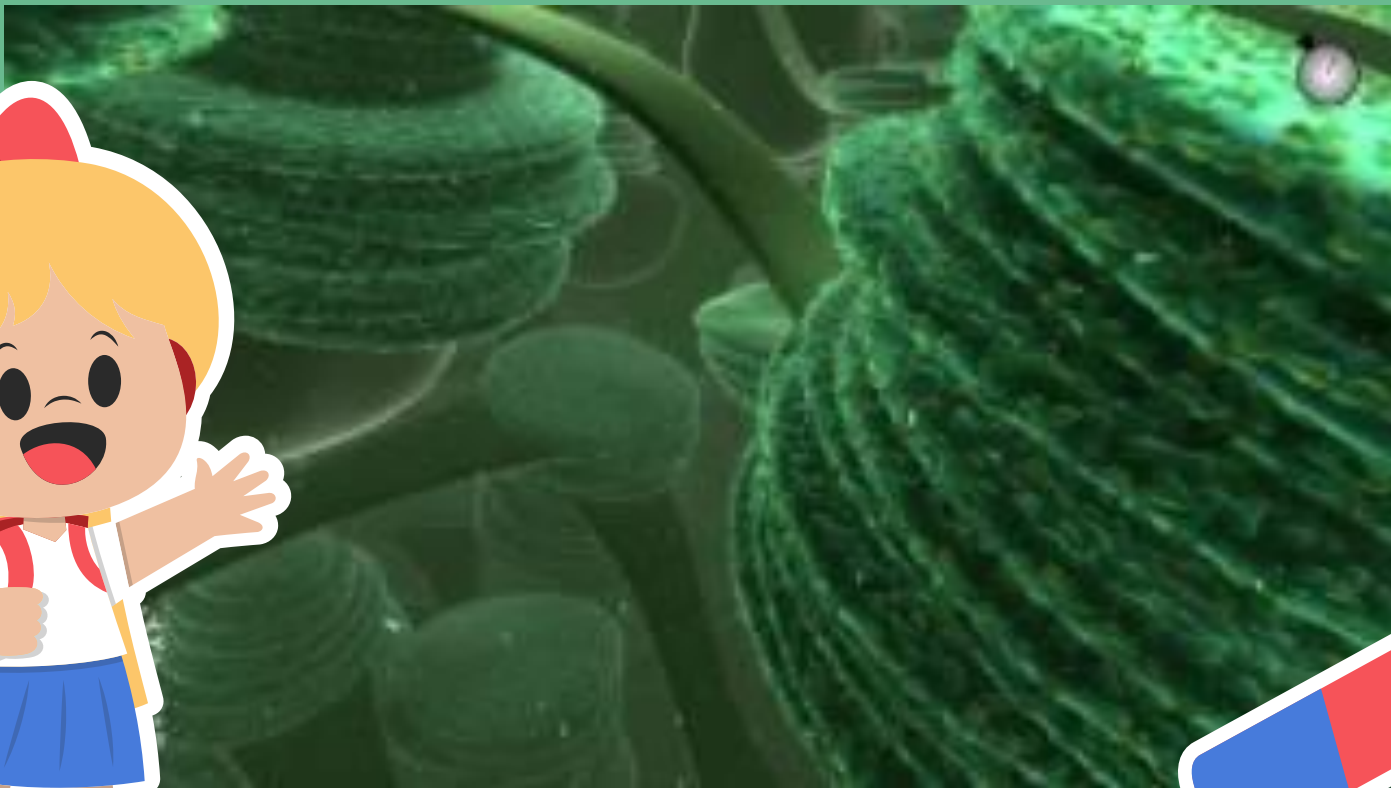




# Chlorophyll

Chlorophyll is a green pigment in the leaves that catches sunlight

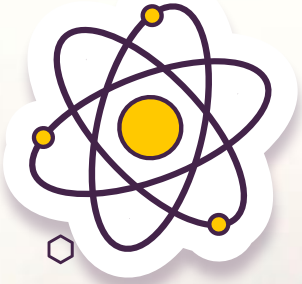




**THINK TIME**

**Why is  
Photosynthesis  
important for  
Animals?**





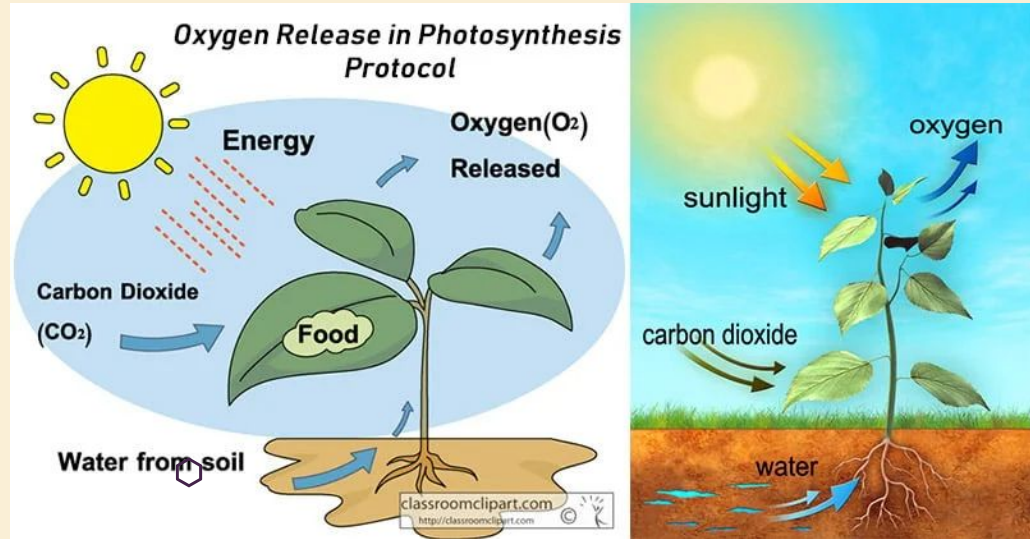
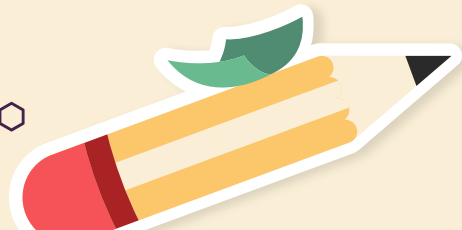
# O<sub>2</sub> OXYGEN



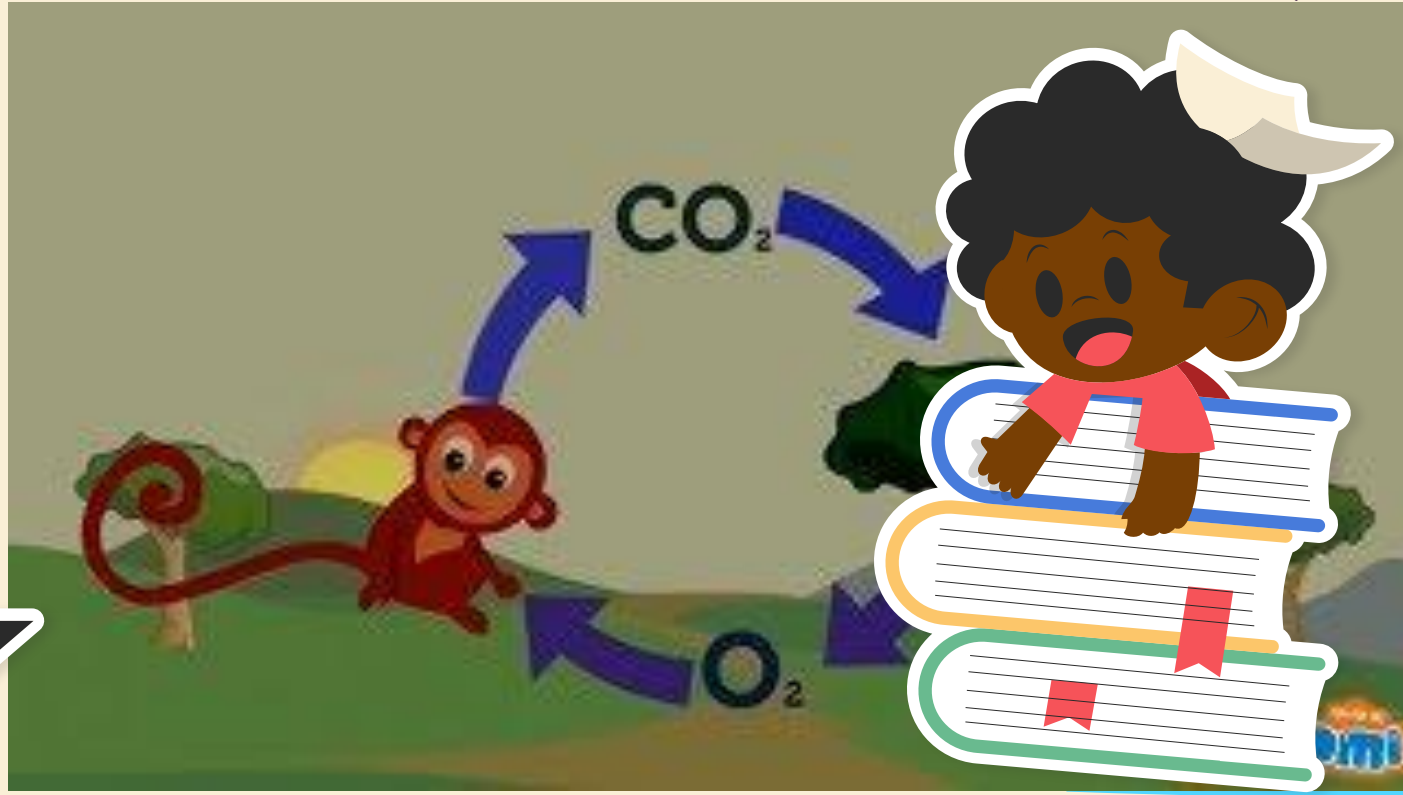
**Because it produces Oxygen !**

**Chlorophyll** in the "green" part of the leaves captures energy from the sun and this powers the building of food from very simple ingredients - carbon dioxide and water.

**Oxygen** is released as a by-product of photosynthesis



# Oxygen



**We, as humans,  
breathe in this  
oxygen! So that we  
can stay alive!**







**We all need Oxygen !**





**A WONDERFUL WORLD OF PLANTS !**



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