

# PHOTOSYNTHESIS FOR TODDLERS

HOW PLANTS EAT



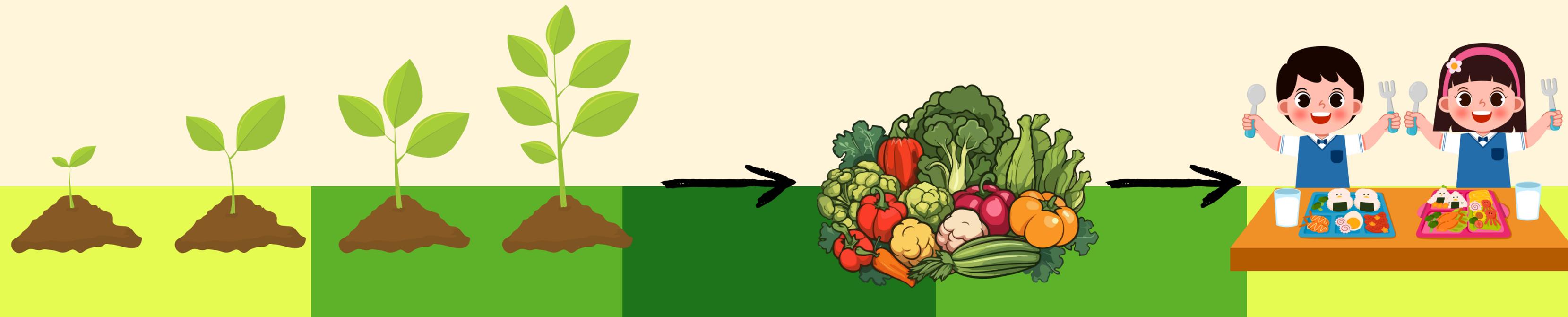


# WHY IS PHOTOSYNTHESIS IMPORTANT?

---

- Plants need **food** to grow and live, just like we do.
- Plants don't have mouths to eat food; they have to make their own.
- We humans need plants for our own **food**.

So, plants make their own food, then the plants become our food!

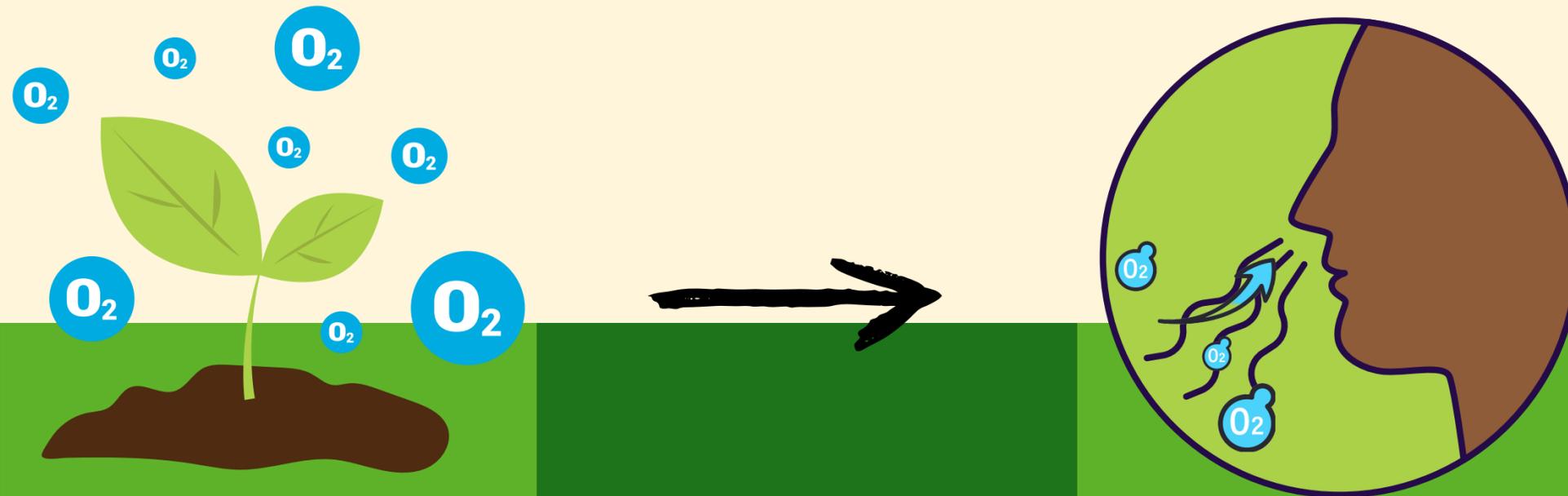


# WHY IS PHOTOSYNTHESIS IMPORTANT?

---

- Photosynthesis also produces **oxygen**.
- **Oxygen** is the type of air animals on earth breathe in.

So, plants make the air that animals, including us humans, need to live.



# LETS TALK ABOUT THAT:

---

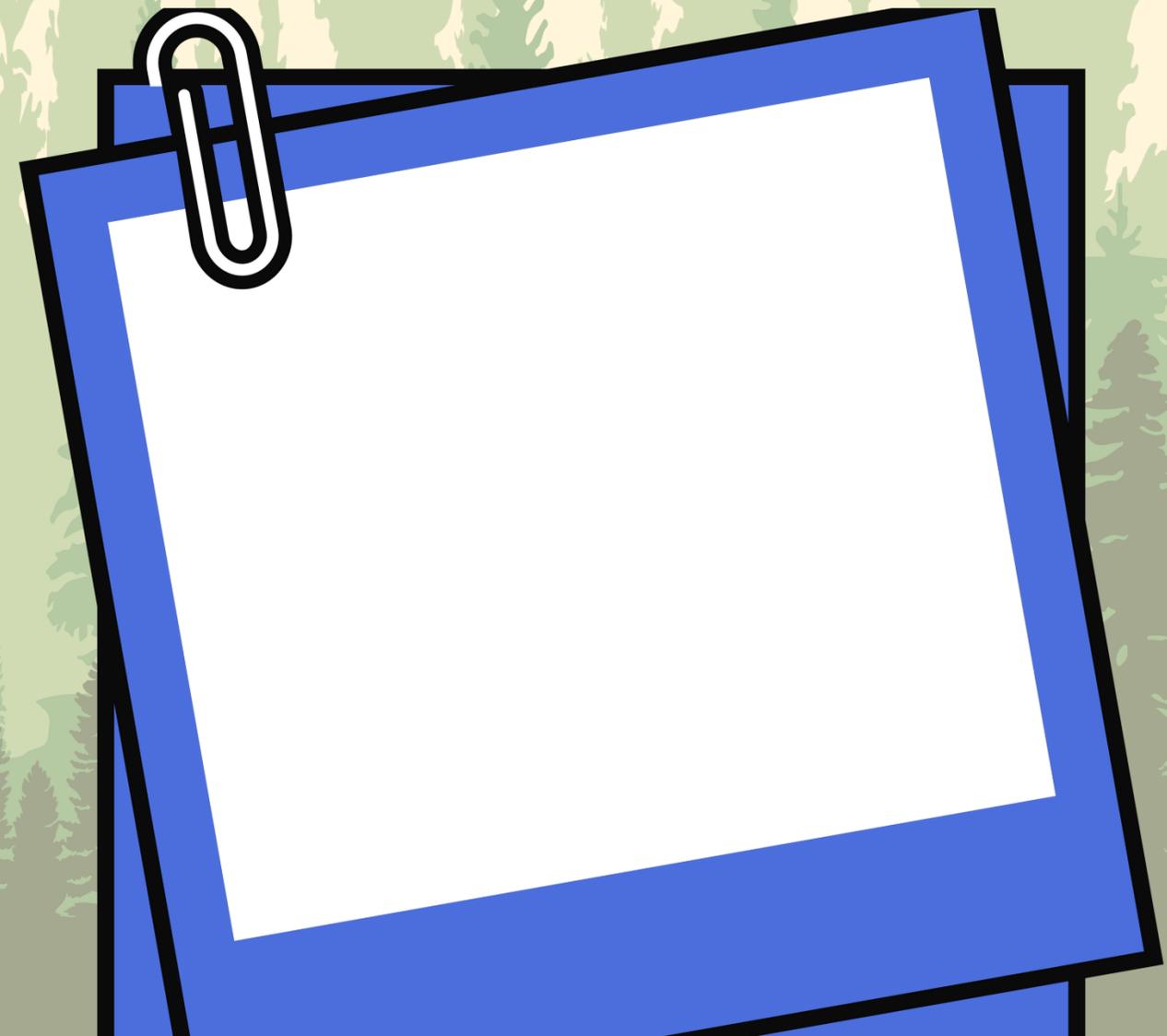
- WHAT DO PLANTS GIVE HUMANS?
- HOW IMPORTANT ARE THOSE THINGS?
- COULD HUMANS LIVE WITHOUT PLANTS?

# WHAT ARE SOME PLANTS YOU LIKE TO EAT?

CIRCLE THE PLANTS THAT YOU LIKE



DRAW A PICTURE OR GLUE A LEAF FROM A PLANT YOU HAVE IN YOUR YARD OR HOME

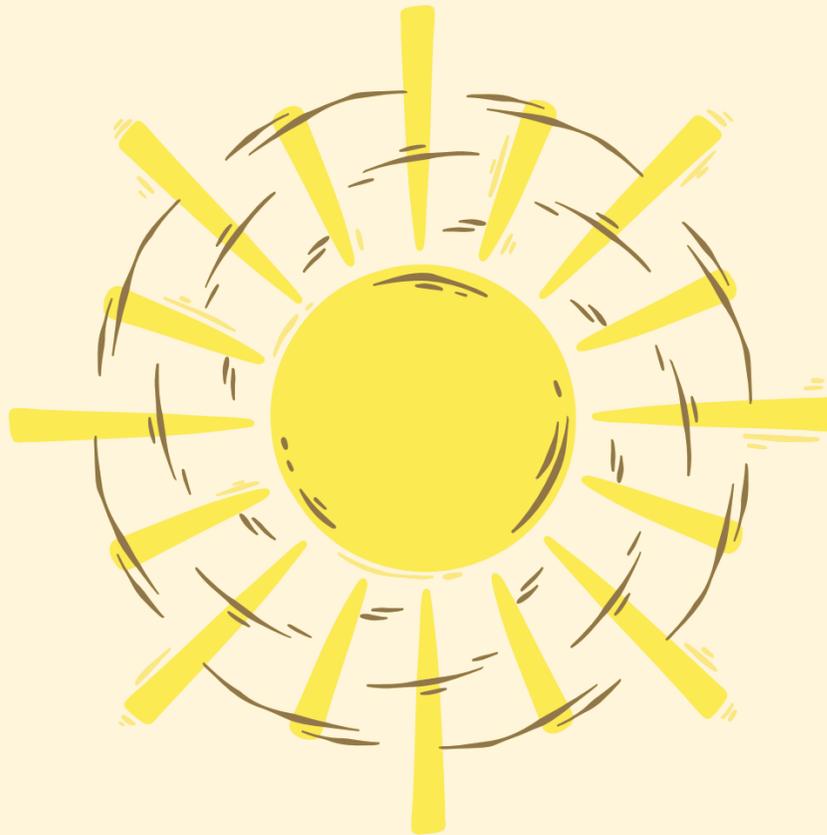


# HOW IT WORKS

---

## STEP 1:

- Plants take in **sunlight** through their **leaves**.



## STEP 2:

- Plants absorb **water** from the soil through their **roots**.

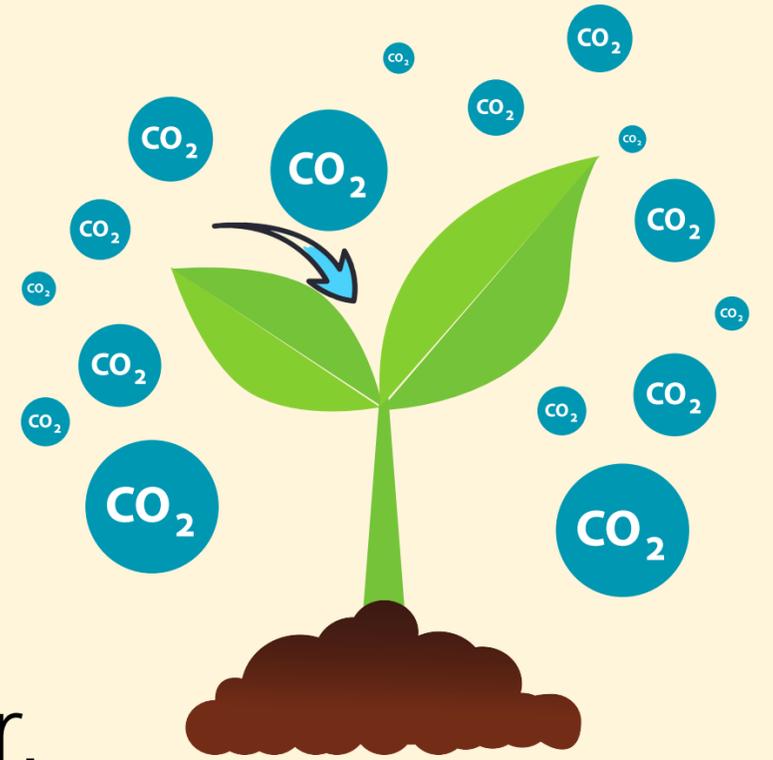


# HOW IT WORKS

---

## STEP 3:

- Plants take in **carbon dioxide** from the air.
- **Carbon dioxide** is the type of air animals on earth breathe out.



It is bad to have too much carbon dioxide in the air. When the plants take it in, they are **making the air cleaner** for us.

# HOW IT WORKS

---

## STEP 4:

- Plants use the **sunlight, water, and carbon dioxide** to make sugar and **oxygen**.
- The type of sugar they make is called **glucose**. That is the plants food.
- The **oxygen** is released into the air for us to breathe in.

So, photosynthesis is how plants make their own food. That food is called glucose.

# LETS TALK ABOUT THAT:

---

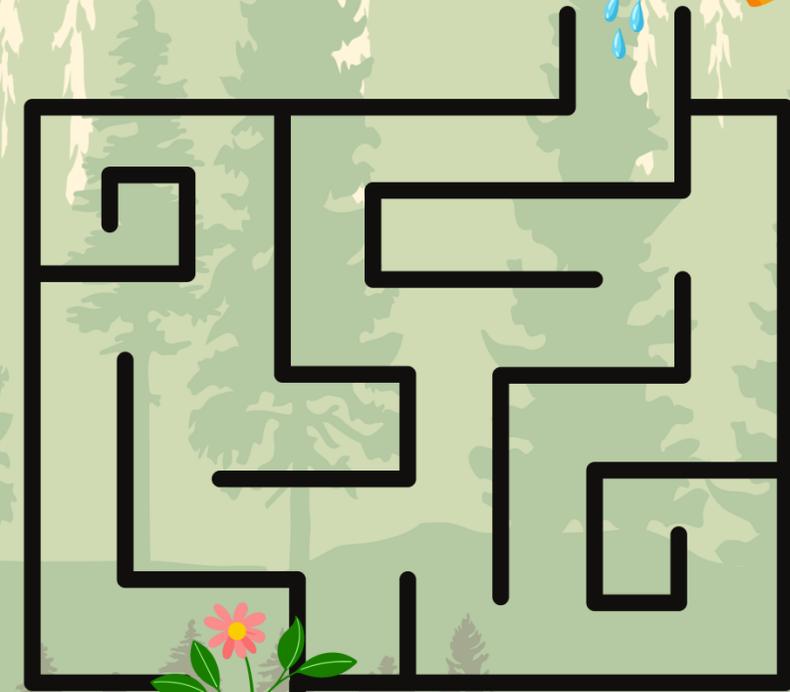
- WHAT THREE THINGS DO PLANTS NEED TO MAKE FOOD?
- WHAT PART OF THE PLANT TAKES IN WATER?
- WHAT IS PHOTOSYNTHESIS?
- HOW DO PLANTS KEEP OUR AIR CLEAN AND HELP US BREATHE?

# CAN YOU HELP THE PLANTS GET WHAT THEY NEED?

WHERE WILL THIS PLANT GET WHAT IT NEEDS TO MAKE FOOD? DRAW A LINE TO THE BEST PLACE FOR THE PLANT.



HELP GET THE WATER TO THE PLANTS ROOTS SO IT CAN GROW!

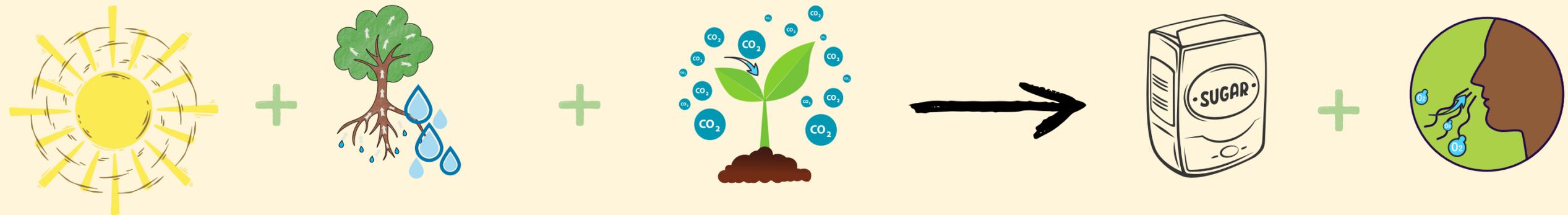


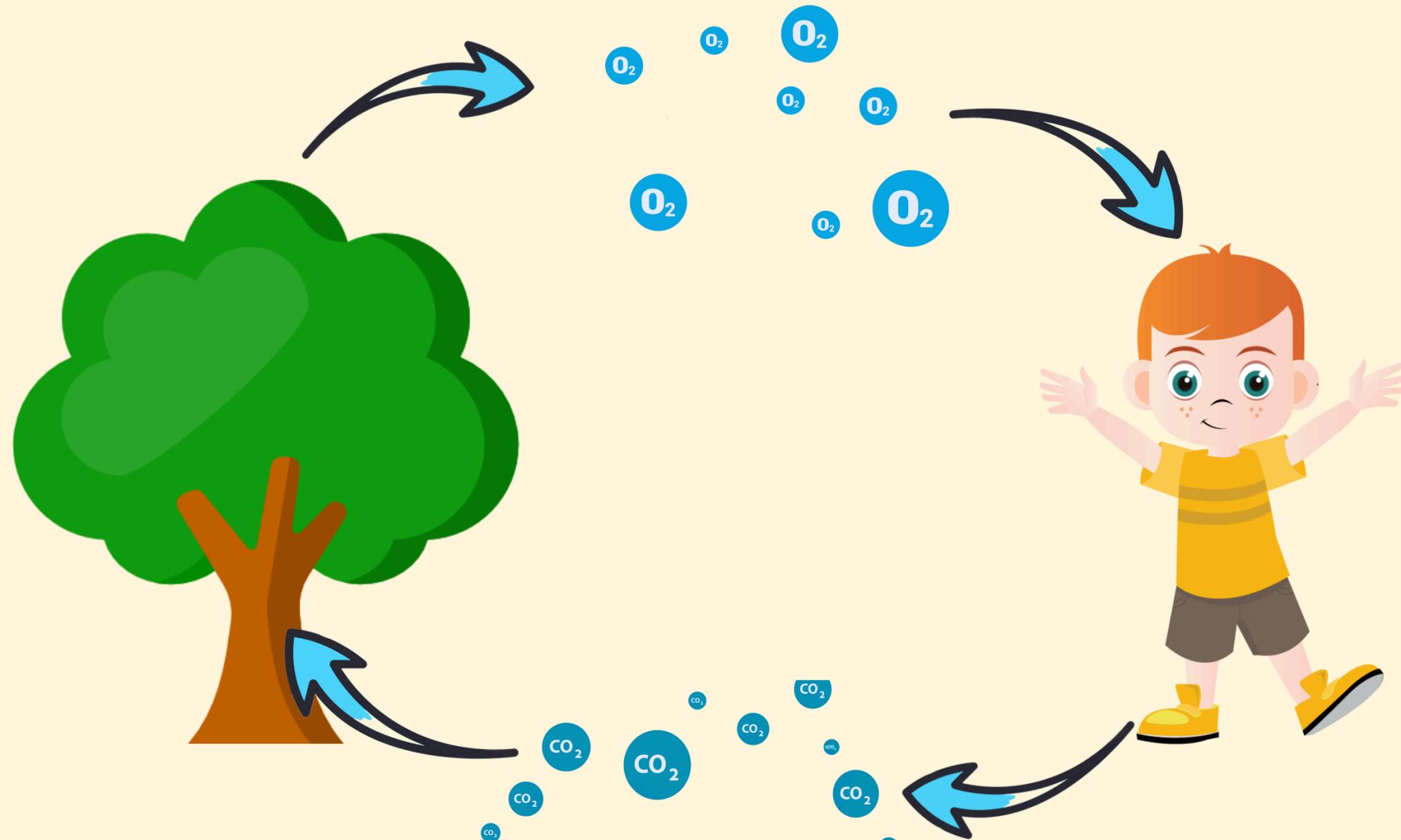
# PHOTOSYNTHESIS

---

SUNLIGHT + WATER + CARBON DIOXIDE → GLUCOSE + OXYGEN

---





**TRACE THIS PICTURE WITH YOUR FINGER  
AND DISCUSS WHAT IS HAPPENING.**