

# The Photosynthesis Rap

**Photo** is another word for **light**,  
Synthesis means **make**, that's **right**!  
To make this happen we need **four things**  
Can you tell me what they are? Wanna hear you **sing**!

**LIGHT**  
**WATER**  
**CO<sub>2</sub>**  
**CHLOROPHYLL**

**Light** comes from the **sun**  
Giving **energy**, that's how it's done.  
**Water** is the **oxygen** holder.  
**H<sub>2</sub>O**? Yeah I just told ya.  
**CO<sub>2</sub>**? Well it comes from you!  
**CHLOROPHYLL!** x 4

“The green chemical inside the chloroplasts of plant cells it enables photosynthesis to take place.”

## Stage **ONE**

First you gonna need some **light**.  
Make sure you got specific **enzymes**.  
**Chlorophyll** is now what you need,  
It takes the light to make **energy**.  
**Water** is now split by the **energy** which came from the light.  
(Are you **following** me?)  
This produces **hydrogen** we need for Stage **TWO**  
And **oxygen** is released for **you**.

Stage **TWO!**

Is **carbon** fixation, it happens in plants

All over the **nation**.

The **hydrogen** in Stage **ONE** mixes with **CO<sub>2</sub>**

(Ooh such **fun!**)

What do we get from this?

**SUGAR!** That's how the plants live.

I'm going to let my **homeboys** sing you out with the four things that we need for photosynthesis. Can we **remember** what they are?

Now repeat after me:

**LIGHT**

**WATER**

**CO<sub>2</sub>**

**CHLOROPHYLL**

**LIGHT, WATER, CO<sub>2</sub>, CHLOROPHYLL** (to end)

