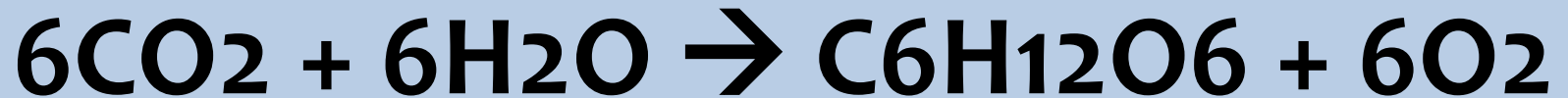


- 1. Where does the carbon in glucose come from?**
- 2. Where does the energy in glucose come from?**
- 3. When you eat anything, what was the original/ultimate source of energy?**
- 4. What is a system?**



Photosynthesis

- Where does the carbon in glucose come from?



Photosynthesis

- Where does the hydrogen in glucose come from?



Photosynthesis

- Where does the oxygen in glucose come from?



Photosynthesis

- Where does the oxygen in glucose come from?



Surviving on Photosynthesis

LIKE A MOSS

Cells

- **Put everything away except a pencil!**

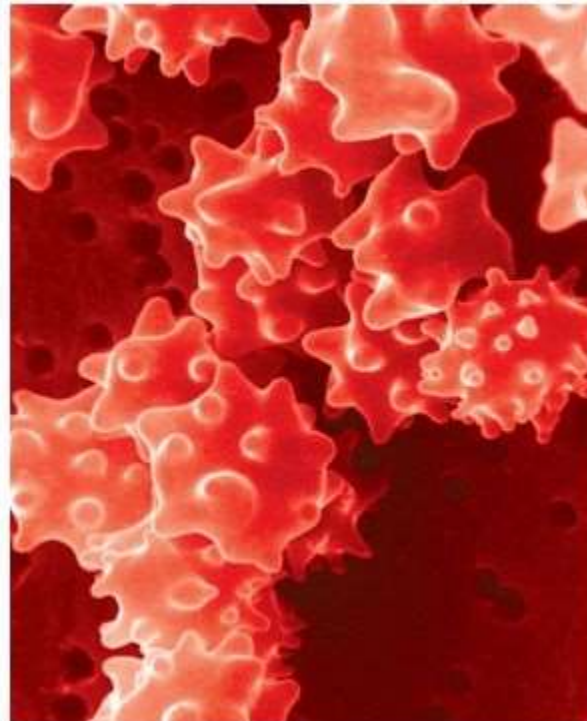
Cells

- **USE THIS PICTURE FOR #s 9-11:**

BEFORE/NORMAL:



IN SOLUTION:



Photosynthesis and Systems

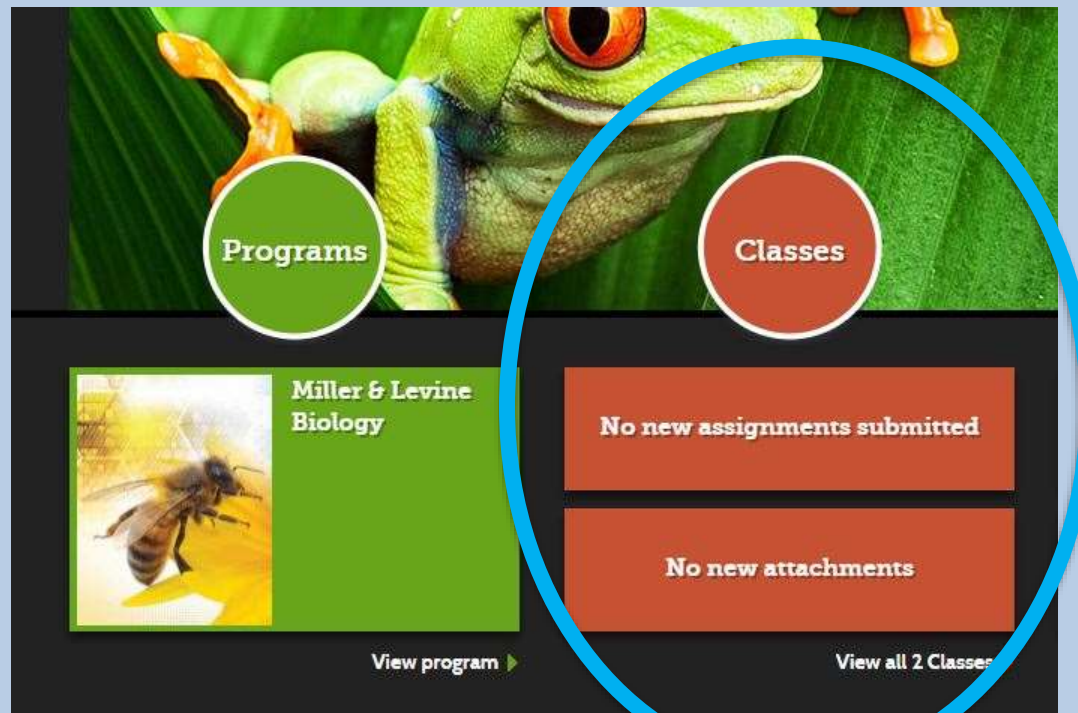
- Today you will complete a virtual lab to understand how photosynthesis is part of a system -> **SYSTEMS THINKING**

Photosynthesis and Systems



Photosynthesis and Systems

- **MAKE SURE YOU CLICK ON THE ORANGE HEADING ON REALIZE**



To-do:

1. **Science Skills Activity: Photosynthesis and Cellular Respiration**

2. **Leaf Lab Analysis**

- **Get checked off**

3. **Spinach Analysis**

- **Get checked off**
- **Class data**

4. **Photo/Resp Game**

TIME	LIGHT	DARK
1	0	0
2	0	0
3	0	0
4	1	0
5	2	0
6	3	0
7	3	0
8	4	0
9	5	0
10	5	0

Both labs are due TOMORROW