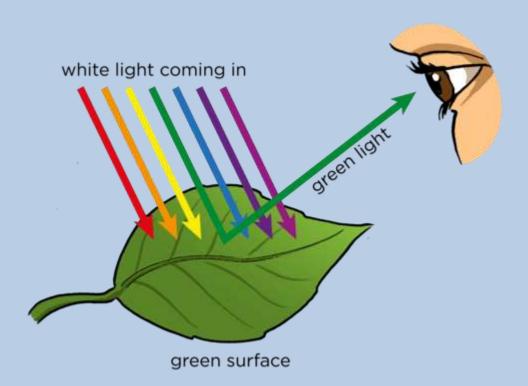


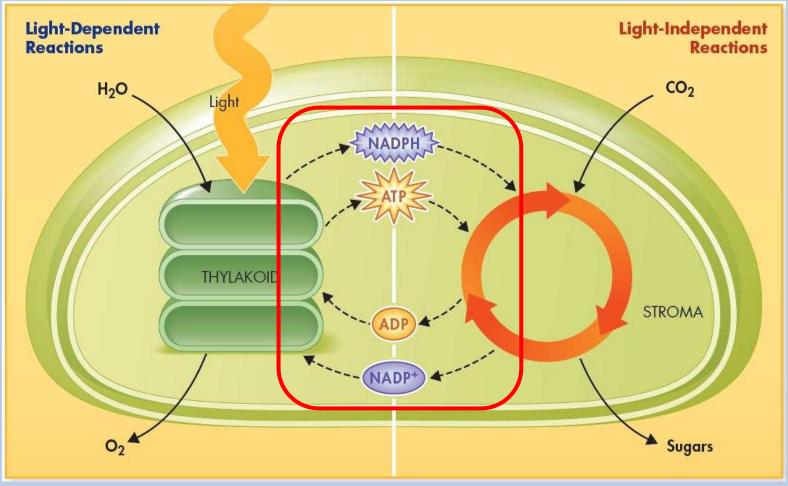
- 1. Why is chlorophyll green?
- 2. What color would chlorophyll be if we could see the absorbed light?
- 3. What gives energy to the light dependent reactions?
- 4. What gives energy to the light independent reactions?
- 5. How does photosynthesis affect the atmosphere and the biosphere?

Photosynthesis



Interdependence of Reactions

Light-dependent and light-independent reactions have an interdependent relationship.



Logistics

Finals start January 21

START STUDYING NOW

SUN	MON	TUE	WED	THU	FRI	SAT
		7	8	9	10	11
12	13	14	15	16 UNIT 4 TEST		18
19		21 7	²² 5/6	²³ 3/4	24 1/2	25
26		28	29	30	31	



- PAGE 43 in your notebook
 - Write the answers to the pre-lab, data, and analysis questions
 - ONLY ON THIS PAGE

- Day 2 Procedure
 - YOU MUST WEAR GOGGLES, TIE HAIR BACK, NO SANDELS
 - Follow the instructions carefully
 - BE CAREFUL; do not rip the leaves
 - DO NOT TOUCH THE HOT PLATE
 - KEEP ETHANOL AWAY FROM THE HOT PLATE
 - Do the pre-lab questions while the leaf boils
 - Clean up after yourself

To-do:

- While you wait for your leaf work on Spinach Analysis
 - Class data
 - Turn in

Both labs are due FRIDAY

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

Why do leaves change color in the

fall? http://www.untamedscience.com/biology/plants/why-leaves-change-color/

