

Photosynthesis Questions (L.T # 2-12)

1.	The way Plants make their own energy using Sunlight
2.	Write the equation for photosynthesis. Label the reactants and the products, also include the required materials. Con throat Sunlight = Co HaOc + On Sunlight = Co HaOc Oxygen
3.	What plant pigments are involved in photosynthesis? Chlorophylls + Carotenaids
4.	What are the two types of chlorophylls found in a plant? Which one is directly involved in photosynthesis? Clorophyll A and B. A is directly involved in Photosynthesis.
5.	Explain why chlorophyll appears green to us?
(Because chlorophyll B reflects green Light
	How does the amount of energy in light change as the wavelength increases?
7.	Give two additional pigments found in plants.
8.	In what organelle of the plant does photosynthesis take place?
9.	Name the two stages of photosynthesis.
	CYCIE.
10	In what part of the chloroplast does each stage take place?
	Calvin cycle-Stroma
	Which reactant is broken down during the light reactions?
12	Name the three products of the light reactions.
13	Which of these products is a waste material? How does it leave the plant? Oxygen. It takes through the call in cycle.
14	Which of the products of the light reactions are used in the Calvin Cycle? $ATP + NADPH$