

Notes
Unit 2A: Energy

DCHS
Biology



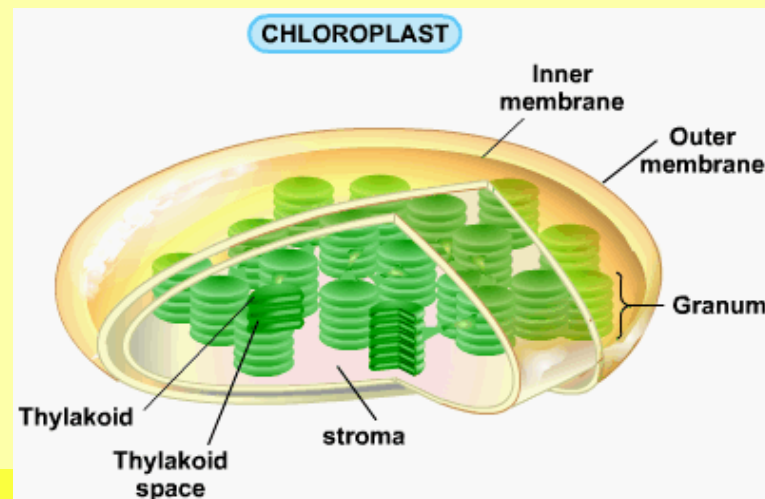
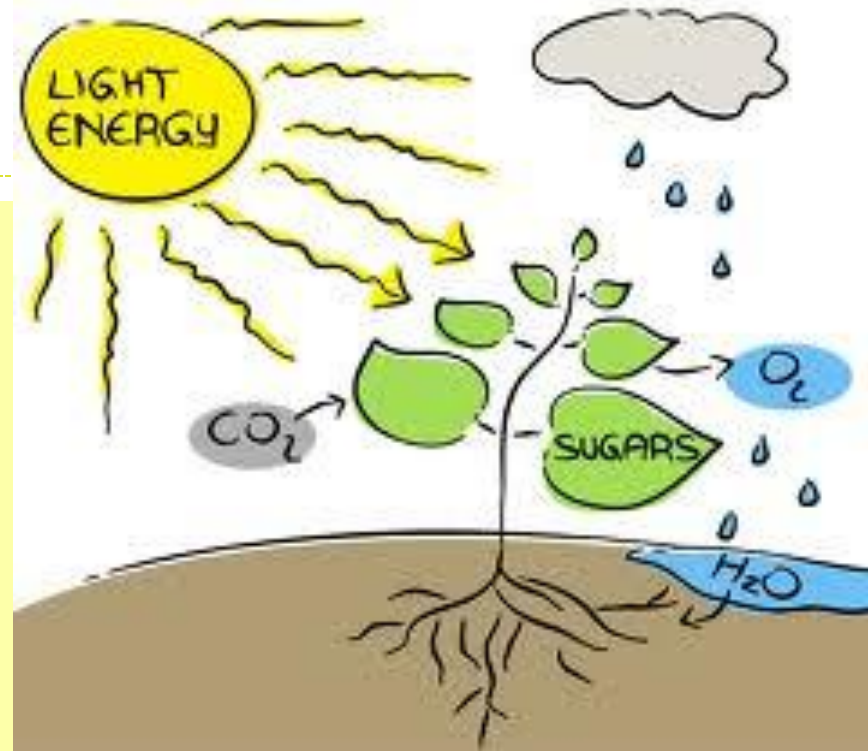
TOPIC: PHOTOSYNTHESIS 3

Essential Question:

How exactly does photosynthesis work?

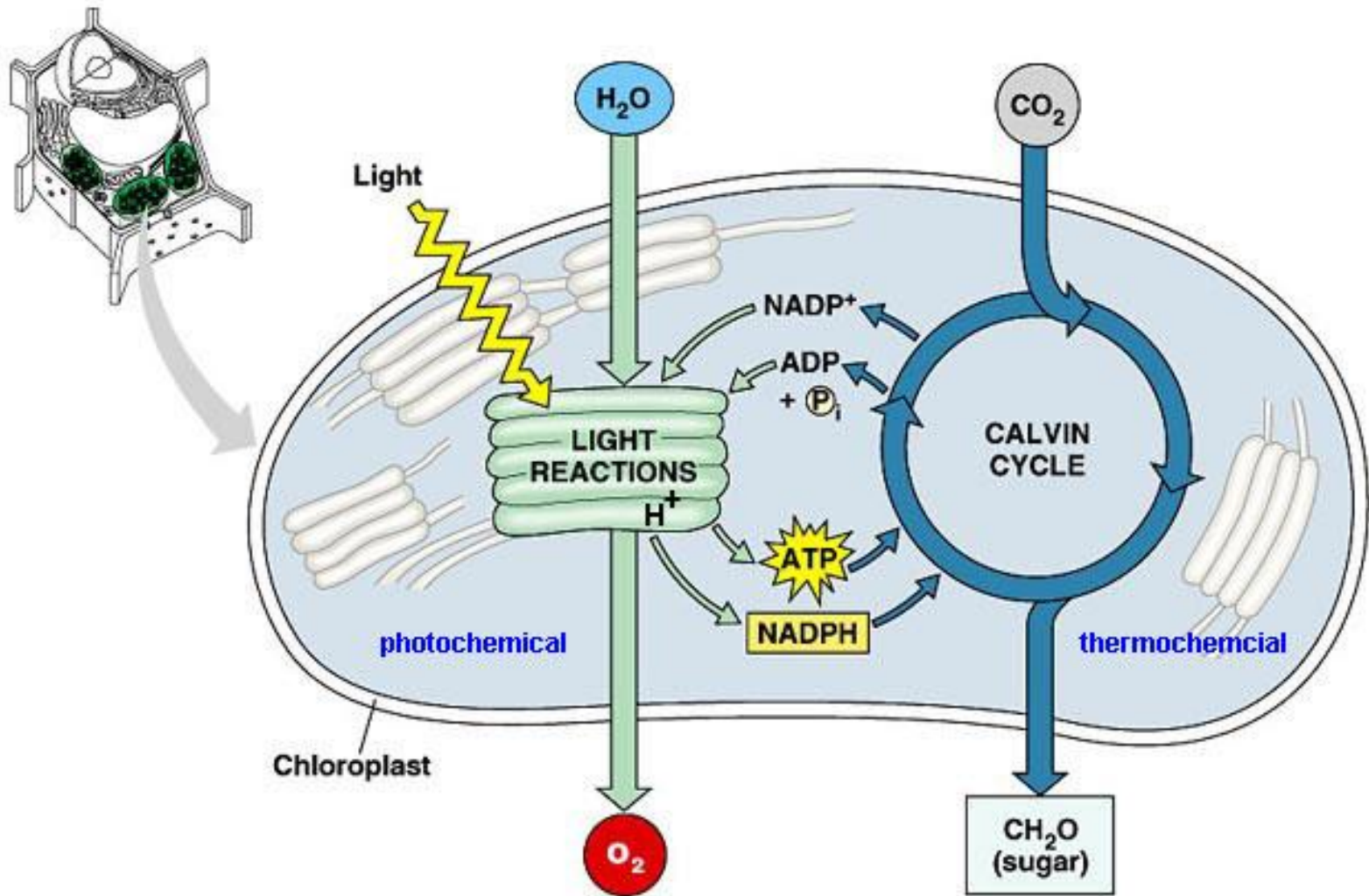
Outline

- Overview
 - ✦ The 2 Reactions in Photosynthesis
- #1: Light Dependent Reaction
- #2: Calvin Cycle

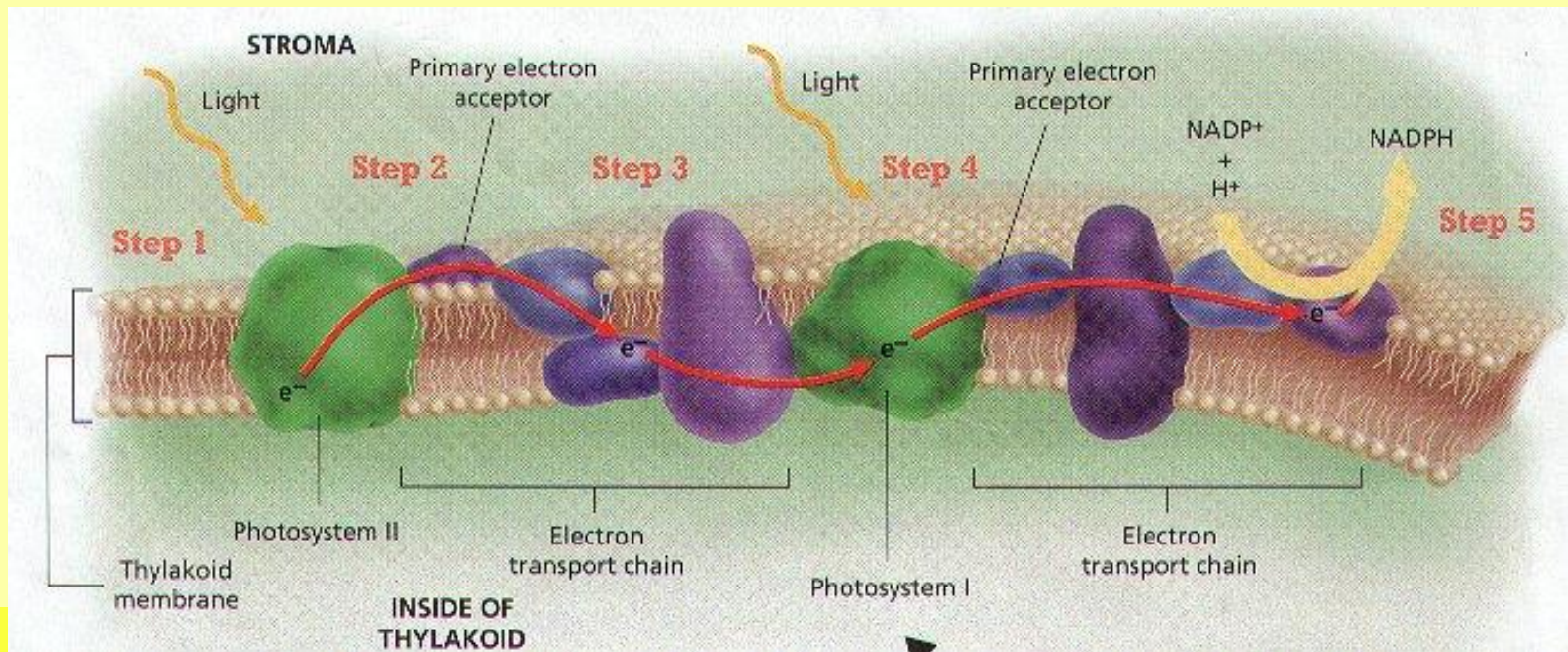
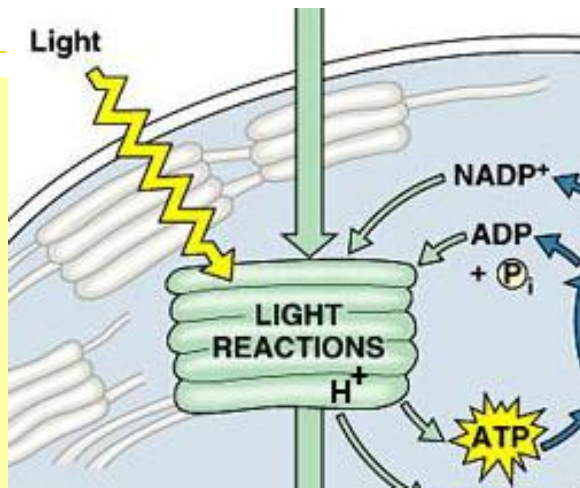


Overview:

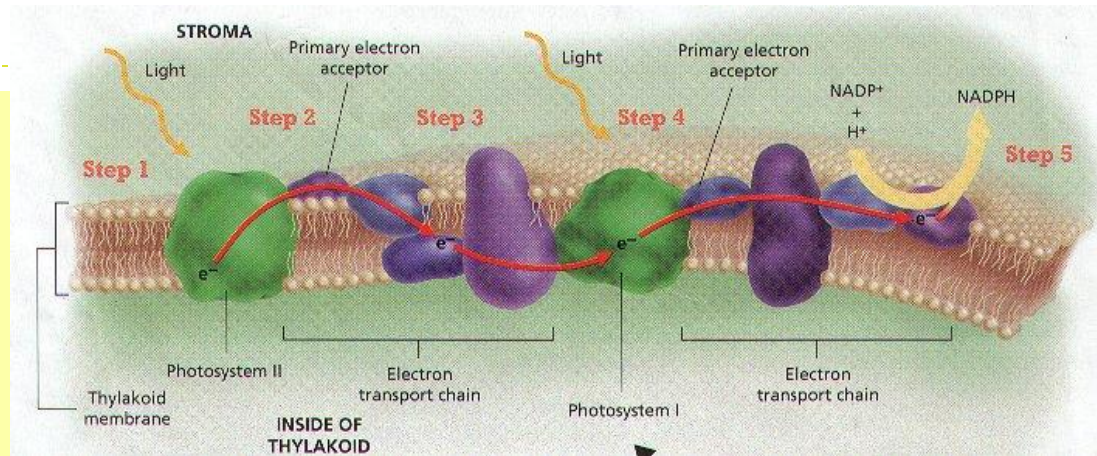
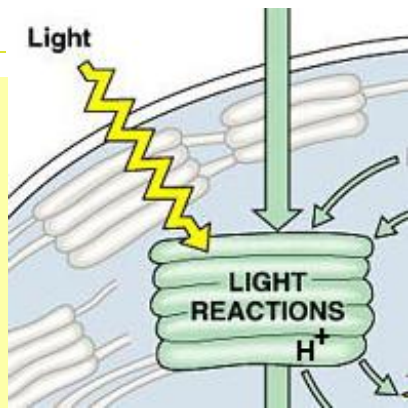
The 2 Reactions in Photosynthesis



#1: Light Dependent Reaction



#1: Light Dependent Reaction



- What you need to know:

- Location: _____

- It is the reaction that uses the _____ to make _____

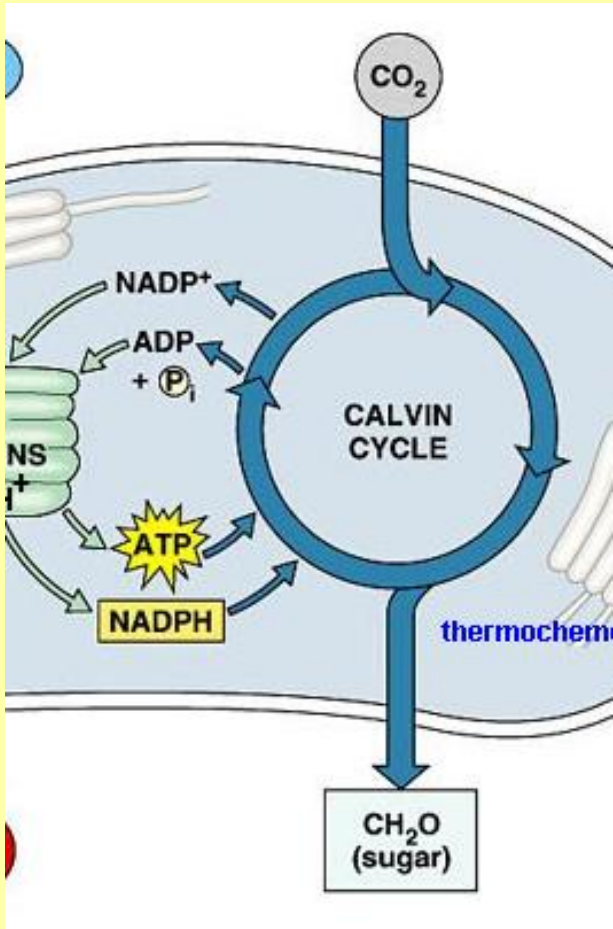
- ✦ (ATP= The energy of the cell)

- It does this with 2 things

- _____: Light excites electrons to a higher state

- _____: Passes excited electrons down and uses their energy to do work

#2: Calvin Cycle



- What you need to know:
 - Location: _____
 - It is the reaction that uses the _____ & _____ to make _____
 - ✦ (Glucose=the whole point of photosynthesis)
 - The source of carbon is the _____

Summary Photosynthesis 3

