Notes:

•

•

•

- Without the presence of Carotenoids, there would be no photosynthesis in the presence of Oxygen.
- In the light reactions of photosynthesis, water molecules are split, oxygen is liberated, and e's that are released are used to reduce NADP+ --> NADPH. The NADPH is then used to provide reducing power for the carbon fixation reactions of photosynthesis.
- During carbon-fixation reactions, the energy of ATP is used to link CO2 covalently to an organic molecule, and the reducing power of NADPH is then used to reduce the newly fixed carbon atoms to a simple sugar.

Preview from Notesale.co.uk Page 4 of 4