

Light Dependent (Photosynthesis)

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Across

- 1. When the protons are pumped from stroma, what is happening to the electrons?
- 3. Where do the Protons get pumped to when they leave the stroma?
- 8. Which molecules absorb the light energy, and transfer it to the reaction center?
- 9. When water is split, what does it split into, besides oxygen and electrons?
- 10. When the protons flow back across the thylakoid membrane through the synthase, what is the outcome?

Down

- 2. When new electrons come from the splitting of water, what do they do to the electrons that were lost during the transfer between photosystem II and I?
- 4. what is the starting molecule of photosynthesis?
- 5. Which molecule is split during photosynthesis?
- 6. Where does the light energy come from?
- 7. The electron and NADP+ combine to create what molecule?