# Internet Assignment: Photosynthetic Electron Transport

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_

<http://highered.mcgraw-hill.com/olc/dl/120072/bio13.swf>

1. The internal membranes of chloroplasts are organized into sacs called
2. What, essentially, is a photosystem
3. How many water molecules bind an enzyme at the reaction center?
4. What does this enzyme do?
5. Where are hydrogen ions released to?
6. What is the primary electron acceptor for electrons leaving PSII?
7. Is this electron acceptor being oxidized or reduced when it picks up electrons
8. What is the b6-f complex?
9. What is this process of making ATP referred to ?
10. What is the primary electron acceptor for PSI?
11. Where does it transfer electrons to
12. Electrons lost by PSI are replaced by electrons generated where