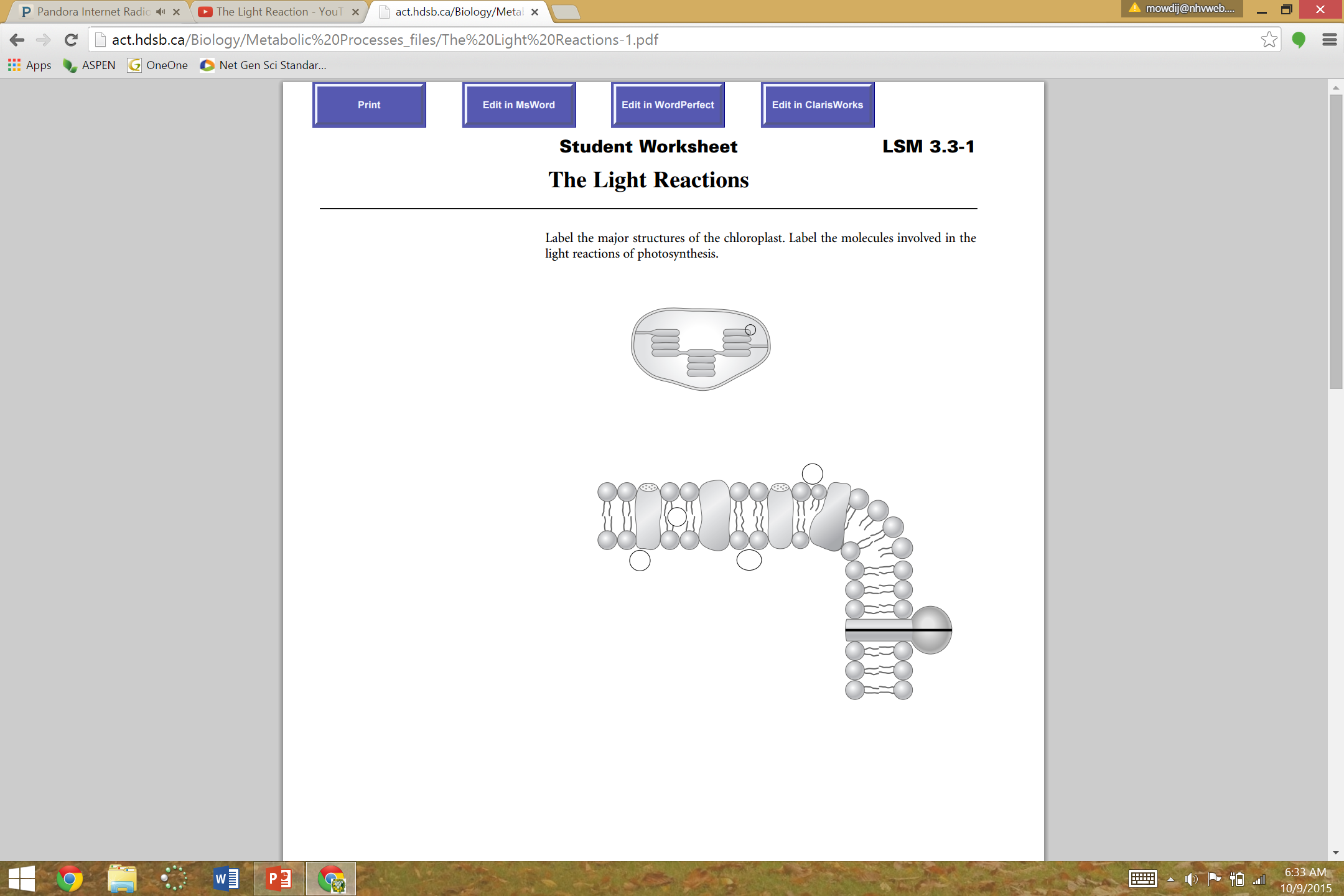
Use the space below to color and label a chloroplast. Use the labels and colors that are listed below!

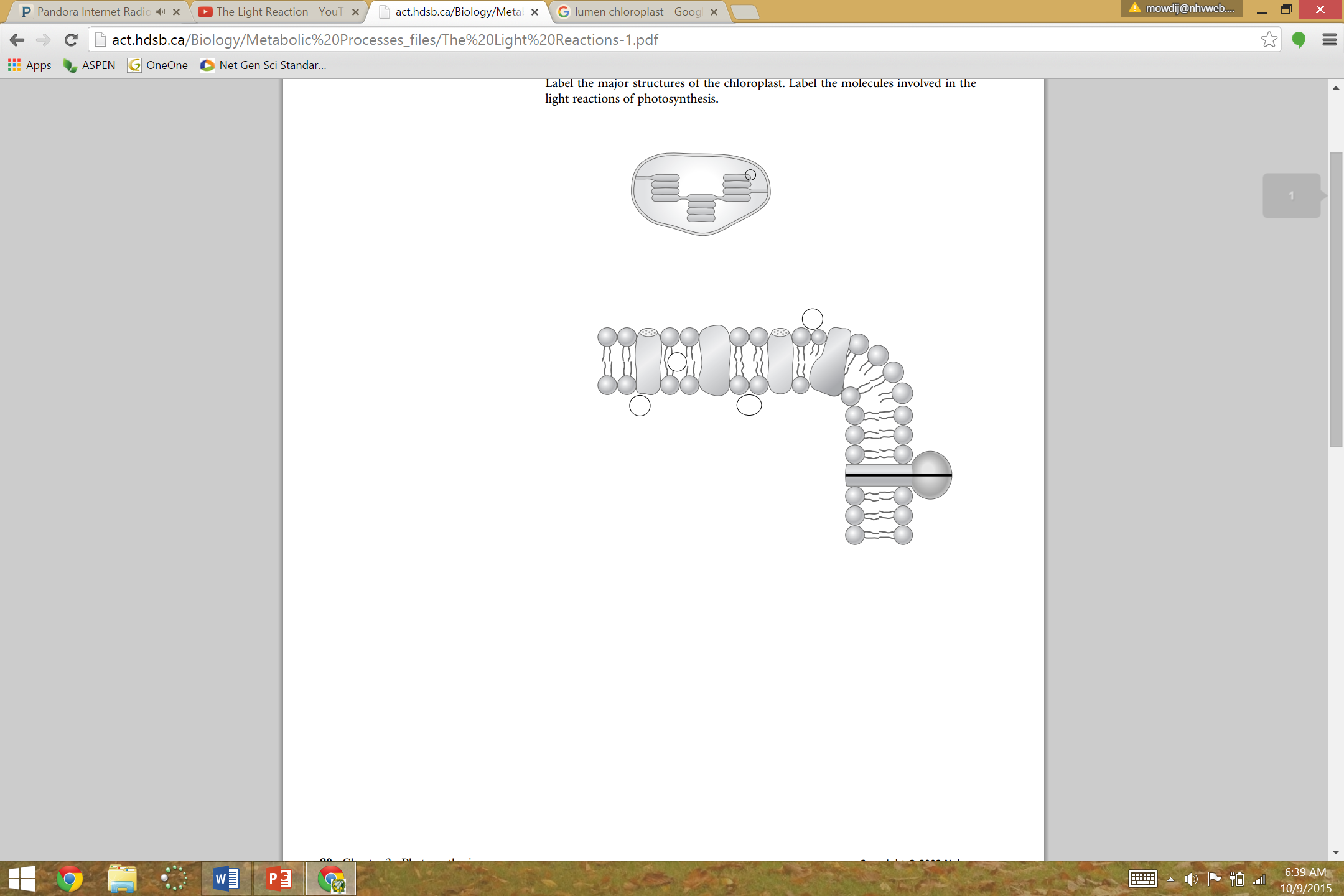
**Activity: Light Reaction Coloring**

|  |  |  |
| --- | --- | --- |
| * Stroma | * Granum | * Lumen |
| * Thylakoid | * Grana | * Thylakoid Membrane |



Use the space below to label the steps for the light reactions. Use the labels that are listed below! Labels can be used multiple times. Draw arrows when nessacary to indicate reactions

|  |  |  |
| --- | --- | --- |
| * Photons | * Electron Transport Proteins | * ADP+ P |
| * H20 | * NADP+ | * ATP |
| * 02 + H+ | * NADPH | * Chlorophyl |
| * e- |  |  |



Now color the fully labeled picture! Color the sections that are listed below.

|  |  |  |
| --- | --- | --- |
| * Photosystem II | * Photosystem I | * Stroma |
| * Electron Transport Chain | * ATP Synthase | * Thylakoid Membrane |
|  | * Lumen |  |