**Photosynthesis**

Minimum Requirements (25 Points) \_\_\_\_\_/25

* Must be on standard size, unlined paper (5 points)
* Must fill the entire page (5 points)
* Writing should be in ink…no pencil (5 points)
* Used colored pencils or markers for the drawings (5 points)
* Include a title, your name and your period on the work (5 points)

REQUIRED ELEMENTS, these may be arranged on the page any way you choose: \_\_\_/75

1. Define photosynthesis, include a picture/diagram. **(15 points)**
2. Represent the chemical equation for photosynthesis;   
   you **can** include a picture/drawing. **(15 points)**
   1. Represent the Reactants
   2. Represent the products
3. Show/define the organelle where photosynthesis takes place. **(10 points)**
4. Define which pigment that captures energy from the sun. **(10 points)**
5. Represent a leaf, define and draw stomata. Show that oxygen is released by the stomata.   
   **(10 points)**
6. Define the two stages of photosynthesis. **(10 points)**
7. This rubric must be attached to your final document**.(5 points)**

**Connecting Cellular Respiration and Photosynthesis**