**Photosynthesis Poster Rubric**

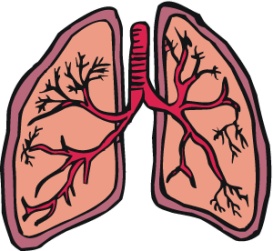
You will create a poster illustrating key components of photosynthesis. The poster **needs to have a drawing of a plant** and the poster must include **all** of the following:

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date DUE: \_\_\_\_\_\_\_\_\_ Div: \_\_\_\_\_\_\_\_**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Information needed***  ***on poster*** | ***Your Answer*** | ***Possible Points*** | ***Your points*** |
| Poster includes an illustration of a **Plant** |  | **5 pts.** |  |
| 3 things necessary  for photosynthesis to happen:  ***(illustrate and*** ***label*)** |  | **30 pts.** |  |
| Where do plants get the gas needed for this process?  (***illustrate***) |  | **5 pts.** |  |
| What organelle is responsible for photosynthesis?  (***illustrate close-up of organelle***) |  | **5 pts.** |  |
| What is the pigment found in chloroplasts?  (***Label in close-up***) |  | **5 pts.** |  |
| Where does Carbon Dioxide enter and  Oxygen exit the plant?  (***must have arrows on poster to show direction of gas movement***) |  | **10 pts.** |  |
| Where does water enter the plant?  (***must have arrows on poster to show direction and labeled***) |  | **5 pts.** |  |
| Where does the energy come from for photosynthesis?  ***(Illustrate and Label)*** |  | **5 pts.** |  |
| Describe glucose and where it is produced.  ***(Labeled with Description)*** |  | **5 pts.** |  |
| Write the chemical equation for  photosynthesis |  | **10 pts.** |  |
| Poster is colored and neat |  | **10 pts.** |  |
| Name, date and division on poster |  | **5 pts.** |  |
| Include this rubric completed with poster |  | **+ 10 pts.** |  |
|  | **Total Points: *Up to 110 pts (A+)*** | |  |

**Photosynthesis Equation**

**Equation:** Carbon Dioxide + Water + Sunlight 🡪 Glucose (Sugar) + Oxygen

[](http://www.google.com/imgres?um=1&hl=en&sa=N&tbo=d&biw=1280&bih=843&tbm=isch&tbnid=vf5fvmcQQ5PHwM:&imgrefurl=http://depositphotos.com/2450007/stock-illustration-Water-drop.html&docid=4PHOWv-KgqxSjM&imgurl=http://static3.depositphotos.com/1000349/245/v/950/depositphotos_2450007-Water-drop.jpg&w=1024&h=1024&ei=LL71UP6aKoXG0AHR94GYCA&zoom=1&iact=rc&dur=438&sig=109629102964067579263&page=3&tbnh=143&tbnw=143&start=78&ndsp=40&ved=1t:429,r:94,s:0,i:440&tx=72&ty=74)[](http://www.google.com/imgres?um=1&hl=en&tbo=d&biw=1280&bih=843&tbm=isch&tbnid=BeVjdxqv9yCKHM:&imgrefurl=http://paris.cs.wayne.edu/~dw0695/final/original.html&docid=NV9rksKttKIpwM&imgurl=http://paris.cs.wayne.edu/~dw0695/final/Candy.jpg&w=188&h=183&ei=x7r1UL-DJozV0gGgl4GYAg&zoom=1&iact=hc&vpx=815&vpy=185&dur=500&hovh=146&hovw=150&tx=89&ty=97&sig=109629102964067579263&page=1&tbnh=139&tbnw=144&start=0&ndsp=37&ved=1t:429,r:4,s:0,i:108)[](http://www.google.com/imgres?um=1&hl=en&tbo=d&biw=1280&bih=843&tbm=isch&tbnid=zidcbWPdZ4iXHM:&imgrefurl=http://www.tumblr.com/tagged/bad%2520breath&docid=ZKLUmI5x3L7j9M&imgurl=http://media.tumblr.com/tumblr_licws6f4dR1qaqk32.gif&w=323&h=274&ei=t7n1UMPlArTV0gHhh4CACw&zoom=1&iact=rc&sig=109629102964067579263&page=1&tbnh=137&tbnw=161&start=0&ndsp=35&ved=1t:429,r:10,s:0,i:191&tx=62&ty=44)



**+ + 🡪 +**

**Chemical Equation:** CO2 + H2O + Energy 🡪 C6H12O6 + O2