**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 necessaryfor 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 forphotosynthesis |  | **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





 **+ + 🡪 +**

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