Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_

Biology Photosynthesis Criteria SCORE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- |
| **Criteria** | **Points Possible** | **Points** |
| Photosynthesis Equation with words | 5 |  |
| Light Reaction drawing with labels. Showing the …….   * **ETC drawn and explained on paper** * **Photosystem I & Photosystem II darwn & explained** * **What is happening to water, sunlight, oxygen, H+ ions.** * **how ATP and NADPH ae made and where they go after light reactions** * **Where are the light reactions taking place** * **Reactants and products of this cycle** * **Explain Phosphorylation (internet)** | 40 |  |
| Light Independent Reactions/ Calvin Cycle:  Showing the ……   * **Drawing showing cycle of Light Independent/ Calvin Cycle.** * **Where it is taking place** * **Explanation of what energy is being used and what is being “fixed” here.** * **Reactants and products of the cycle.** * **How many molecules of CO2 to make 1 molecule of glucose?** * **What happens to the energy molecules at the end** | 30 |  |
| Factors that Affect Photosynthesis   * **What are 3 factors that affect the rate of photosynthesis** * **Explain, give an example, and drawing of C4 plants**   **How are they different from C3?**   * **Explain, give an example, and drawing of CAM plants**   **How are they different from C3?** | 15 |  |

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_

Biology Photosynthesis Criteria SCORE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Criteria** | **Points Possible** | **Points** |
| Photosynthesis Equation with words | 5 |  |
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WORD BANK

BIOLOGY HETEROTROPH

TISSUE CELL

DNA AUTOTROPH

METABOLISM STIMULUS

HEIRARCHY ORGAN

EVOLVE SEXUAL

BIOSPHERE ATOM

PHOTOSYNTHESIS BIOTIC

PHENOTYPE ABIOTIC

HOMEOSTASIS ASEXUAL

NATURAL SELECTION UNICELLULAR

MULTICELLULAR GROWTH

DEVELOPMENT