**Photosynthesis Guide**

GRADE

\_\_\_\_\_\_/50

* Working with a partner, create a step-by-step guide to photosynthesis.
* Include the following words/concepts:
* **Photosynthesis** (overview, formula, flow chart)(5 points)
* **Chlorophyll** (use in context- don’t just define)(5 points)
* **Thylakoids** (use in context- don’t just define)(5 points)
* **Light-dependent reactions** (photosystem II and electron transport, photosystem I- include what happens, why, and where each one takes place)(10 points)
* **Light-independent reactions** (Calvin cycle-what happens, why, and where) (5 points)
* Summary of overall functions of photosynthesis (5 points)
* Include a picture of each of the above parts (10 points)
* Color and be creative! (5 points)
* **Please turn this sheet in with your project.**

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NAMES: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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