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Photosynthesis

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| **Across****5.** Where the light independent reactions take place**8.** Splitting of water**9.** Five carbon molecule that is carboxylated in the light independent stages**12.** Gaining electrons**13.** Loss of electrons**15.** Electrons are received and are used to reduce the electron carrier**16.** Enzyme essential for the light independent reaction**17.** Where the light dependent reactions take place**18.** Stack of thylakoids**20.** Converting inorganic carbon to organic carbon | **Down****1.** carbon dioxide fixation with ribulose bisphosphate**2.** Light independent stage of photosynthesis**3.** Rate of photosynthesis of all wavelengths**4.** A graph showing the absorption of light by photsynthetic pigments**6.** Protons move through this specialized channel to create th energy molecule.**7.** First photo activated area in light dependent reactions**10.** Where protons accumulate in the light dependent stages**11.** Considered a waste product of photosynthesis**14.** Product of photsynthesis**19.** The electron carrier in photosynthesis not produced in cyclic photophosphorylation |