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Chapter 8-9 vocab

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| **Across**  **4.** Organelle found in plants that captures energy from the sun and turns it into chemicle energy  **6.** Process used by plants to capture light energy and convert carbon dioxide and water into oxygen  **9.** Process that relaeses by breaking down glucose and other food molecules  **10.** Process that does not require oxygen  **11.** Reaction in photosynthesis that converts light energy to ATP  **13.** Compound used by cells to store and release energy | **Down**  **1.** Reactions in photosynthesis that does not need light  **2.** Principle pigment of plants and other photosynthesis organisms  **3.** First set of reactions in cellular respiration in which a molecule is broken into two molecules of pyruvic acid  **5.** Process by which cells release energy in the absence of oxygen  **7.** Second stage of cellular respiration in which pyruvic acid is broken down into carbon dioxide in a series of energy extracting reactions  **8.** Light absorbing molecule used by plants to absorbe the sun's enrgy  **12.** Process that requires oxygen |