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Photosynthesis & Cellular respiration

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| **Across**  **2.** type of respiration without oxygen used by organisms such as yeast  **3.** The opposition of photosynthesis  **9.** Adenosine triphosphate  **11.** Absorbs light energy, pigment that it's green color  **12.** Energy used by plants to produce their own food  **14.** Ability to do work  **16.** H2O  **17.** O2  **18.** Too much exercise and not enough oxygen can cause  **20.** C6H12O6  **22.** tiny holes in the leaves where carbon dioxide and oxygen enter and exit  **25.** Light collecting units of the chloroplast  **26.** Place where cells perform glycolysis  **27.** Fermentation with yeast makes  **28.** Thylakoids are stacked=  **29.** takes glycolysis to produce carbon dioxide and high energy electrons  **30.** Organelle found in all organisms that is the site of aerobic cellular respiration | **Down**  **1.** CO2  **4.** Makes glucose from sunlight  **5.** Organisms that use light energy from the sun to produce food  **6.** protein that uses energy from H+to form ATP and ADP  **7.** Carry the high energy electrons  **8.** Chloroplasts contain sac like structures called  **10.** Obtain energy from the foods they consume  **13.** Step on in cellular respiration-split glucose  **15.** The starting material in a chemical reaction  **19.** NADP+ becomes  **21.** green pigment  **23.** Respiration without oxygen  **24.** with oxygen |