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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  |