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photosynthesis and cellular respiratiom

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| **Across****6.** glucose is broken dow in the .....**8.** ingests other organisms to obtain energy**10.** the fuiled filled space outside the grana**11.** are found in the thyaoid membranes**12.** light energy converted into chemical energy | **Down****1.** chemical energy is used to synthesize glucose**2.** the process of storing energy in longterm organic moleclues such as glucose**3.** makes there own food either with energy from sun or from inorganic substances**4.** why do cells need energy**5.** flattened saclike membrane **7.** stores energy in chemical bonds**9.** the ablity to do work |

   Autotrophs       Hetertrophs       energy       new moleclues       ATP       light - depedent phase       light-independnt phase       thyloids       stroma       light-observing       calvin cycle       cytoplasm