



Photosynthesis & Cellular Respiration Worksheet



Vocabulary: Match the phrases on the left with the term that best fits. Not all terms will be used, and some may be used more than once.

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| ___ 1. Organisms that make their own food | A. Chloroplasts |
| ___ 2. Site of photosynthesis | B. Anaerobic |
| ___ 3. Process occurs in cytoplasm | C. Aerobic |
| ___ 4. $C_6H_{12}O_6$ | D. Glucose |
| ___ 5. Process does not require oxygen | E. ATP |
| ___ 6. Process requires oxygen | F. Krebs's cycle |
| ___ 7. Adenosine triphosphate | G. Glycolysis |
| ___ 8. Energy storing molecule | H. Energy |
| ___ 9. The anaerobic process of splitting glucose and forming two molecules of pyruvic acid | I. ADP |
| ___ 10. The ability to do work | J. Autotrophs |

11. Fill out the table below:

	Cellular Respiration (Reactants and Products: see equation on the board)	Photosynthesis
Reactants		
Products		
What organelle?		

12. Use the picture to the right to help you describe the relationship between photosynthesis and cellular respiration:

13. What kind(s) of organisms perform photosynthesis?

14. What kind(s) of organisms perform cellular respiration?

