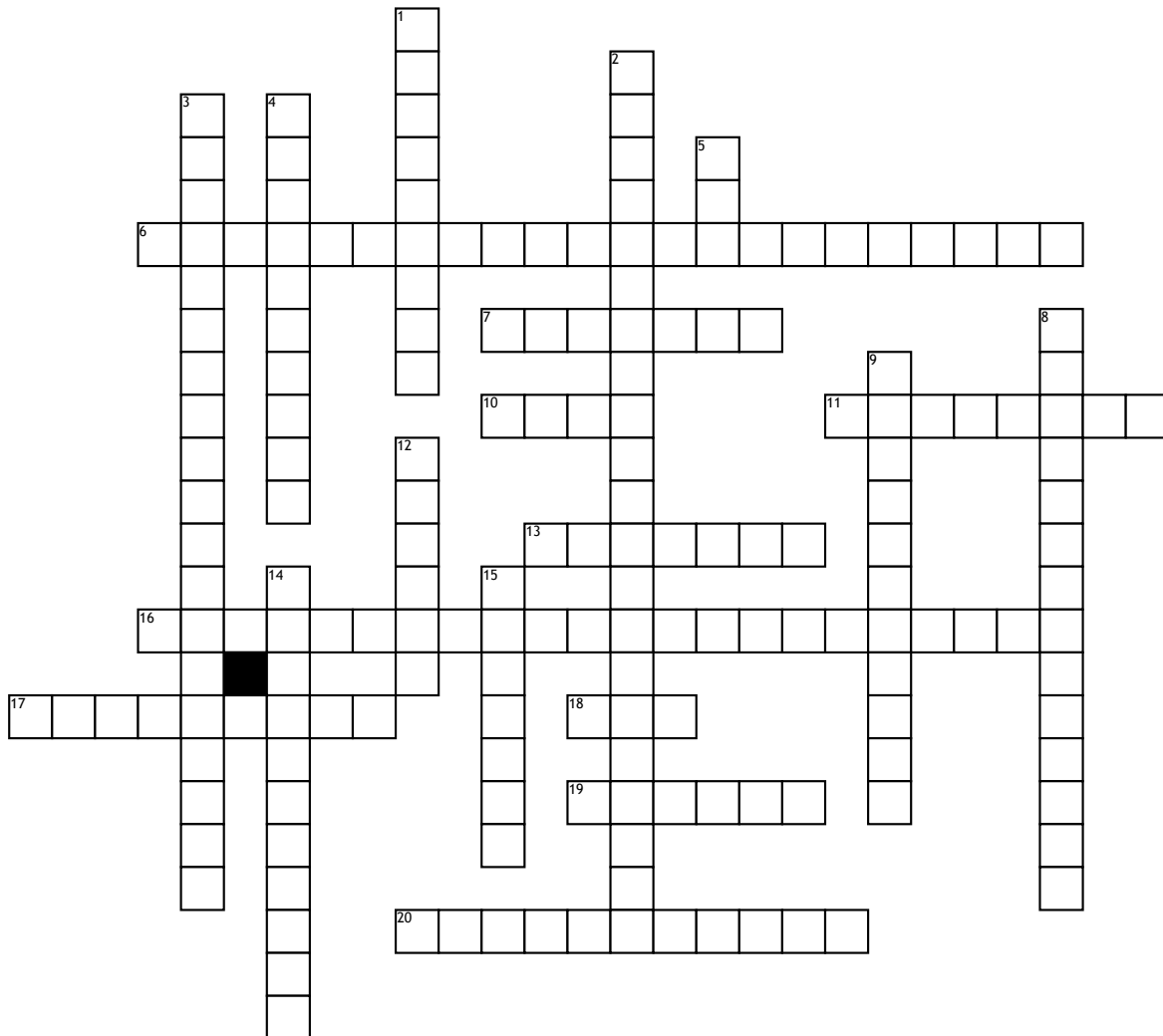


Respiration and Photosynthesis



Across

- 6. ETC
- 7. Sugar
- 10. functions along enzymes to provide energy to the many reactions in the cell
- 11. Products
- 13. reactants or raw materials needed
- 16. Takes place in the thylakoid membrane and also requires a continuous supply of light energy
- 17. Where light dependent reaction takes place

- 18. Adenosine Trisphosphate
 - 19. Where light independent reaction takes place
 - 20. Does not require light and takes place in the stroma
- Down**
- 1. Requiring an absence of energy
 - 2. When yeasts and bacteria convert starches or sugars into lactic acid
 - 3. The process that uses energy in glucose from food to make the only usable form of energy-ATP

- 4. The breakdown of glucose by enzymes, releasing energy and pyruvic acid
- 5. Adenosine Diphosphate
- 8. Light energy converted to chemical energy in the form of sugars
- 9. It takes place in the mitochondria, consuming oxygen, producing carbon dioxide and water
- 12. Gas in the air that we breathe
- 14. Conducts Photosynthesis; Only in plant cells
- 15. Requiring Oxygen