

Name: _____ Date: _____

Photosynthesis Matching Quiz

1. This light is a mixture of wavelengths.
 2. Molecules that capture energy from sunlight.
 3. Main pigment used in plants for photosynthesis.
 4. Sack-like photosynthetic membranes
 5. Stack of thycakoids.
 6. Chloroplast outside the thylakoid.
 7. Compounds that accept high energy electrons and transfers them.
 8. Primary electron carrier
 9. Use water and energy from sunlight to produce oxygen and energy carriers.
 10. Uses ATP, NADPH, and CO₂ to make sugars.
 11. Clusters of chlorophyll and protein found in the thylakoids.
 12. First to capture light energy at the 680nm wavelengths.
 13. Proteins that carry high-energy electrons from one photosystem to another.
 14. Second to capture light at 700nm wavelength.
 15. Proteins that creates ATP.
 16. Process utilized that turns ATP,NADPH and Carbon Dioxide into sugars.
 17. Shortages that can slow or stop photosynthesis.
 18. Slows down or stop photosynthesis.
 19. This intensity increases the rate of photosynthesis.
 20. Photosynthesis uses sunlight to convert water and carbon dioxide into.
- A. sugar and oxygen
 - B. Electron Carrier
 - C. Pigments
 - D. Water
 - E. NADP+
 - F. Light Independent Reactions
 - G. ATP Synthase
 - H. Photosystems
 - I. Calvin Cycle
 - J. Granum
 - K. Low Temperatures
 - L. Chlorophyll
 - M. Photosystem I
 - N. Photosystem II
 - O. Electron Transport Chain
 - P. Light Dependent Reaction
 - Q. Stroma
 - R. Light
 - S. White Light
 - T. Thylakoids