Name: _____ Date: _____

Photosynthesis Matching Quiz

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

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