

Name: _____ Date: _____ Block: _____

Photosynthesis Worksheet

1. What is the purpose of photosynthesis?
2. What does photosynthesis use the light energy for?
3. What are the 3 sets of reactions that take place in photosynthesis?
4. What are pigments and where are they found?
5. Describe the difference between chlorophyll a and b. What do they both do?
6. What do light dependent reactions do?
7. What 2 energy molecules are produced in **light dependent** reactions?
8. What molecule is a waste product of **light dependent** reactions?
9. What is another name for *light independent* reactions?
10. What type of molecules does the Calvin cycle produce?
11. What molecules are sent back to light dependent reactions?
12. What types of plants use a C4 pathway, where would you find these plants?
13. What is CAM ? What types of plants use this process and why?