

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_  
7<sup>th</sup> Grade Science Mr. Vorstadt

Photosynthesis Worksheet

1. What is the overall reaction (*formula*) for photosynthesis?
2. How does this compare to the overall reaction for cellular respiration?
3. Where does the energy for photosynthesis come from?
4. What plant pigments are involved in photosynthesis?
5. Explain why chlorophyll appears green to us in terms of what happens to different wavelengths of light that strike a chlorophyll molecule.
6. In what organelle of a plant cell does photosynthesis take place?
7. What is photosynthesis waste product?
8. What is the overall reaction (*formula*) for cell respiration?
9. In what organelle of a cell does cell respiration take place?
10. What is cell respiration's waste product?