1. ________________ is the chemical process plants go through in order to make their own food.

2. Plants are called ________________________________ because they make their own food.

3. One food chain in an ecosystem might be grass, a mouse, a snake and a hawk. Which one is the producer? ____________________________

4. ________________ are organisms that break down dead matter in an ecosystem.

5. In order to create energy, the chemical process of ________________________ occurs when we take in food.

6. An ______________________________ consumer is the consumer at the top of a food chain.

7. Explain why there would be many more plants in an ecosystem than apex consumers.
   __________________________________________________________________________
   __________________________________________________________________________
   __________________________________________________________________________

8. In the process of ____________________________ carbon dioxide combines with water and sunlight to make sugar and release oxygen.

9. ________________ is a chemical process within cells where sugar and oxygen react to form carbon dioxide and water resulting in the release of energy.

10. In the space below or on the back of this paper, make a diagram of a simple food chain with 4 different organisms. Label each of the levels of the food chain.