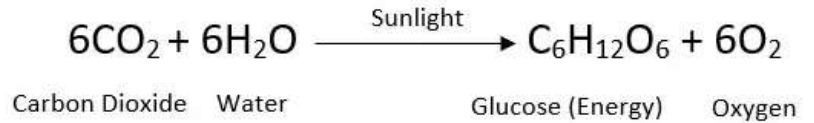


Name: _____ Date: _____ Assignment #: _____

Period: 1 2 3 4 5 6

The Private Life of Plants (DVD)

DIRECTIONS: Watch the video to answer the following in your own academic sentences. (50min)



1. What is the purpose of “leaf factories”?
2. How does oxygen enter the plant?
3. Sugars made by the plant have the formula $\text{C}_6\text{H}_{12}\text{O}_6$.
 - a. What is the source of the carbon?
 - b. What is the source of the hydrogen?
 - c. What is the source of the oxygen?
4. How does a plant located below a dense canopy get enough sunlight?
5. What is the purpose of root hairs if the plant already has several larger roots?
6. What two substances are obtained from the soil?

7. How does a tree get and keep water at the top of the tree?
8. What moves downward from the leaves? What moves upward from the roots?
9. How do leaves in the tropics adapt to torrential downpours?
10. What is the drawback of using leaves for food, like the monkeys were doing?
11. What helps the monkeys digest these leaves?
12. What are some examples of plant defenses?
13. Where does the world's largest pitcher plant grow?
14. What benefit do fallen leaves have for a tree?
15. What is the source of an annual ring?
16. What are the oldest trees? Where are they? How old are they?
17. What is the most massive tree? What is its maximum age?