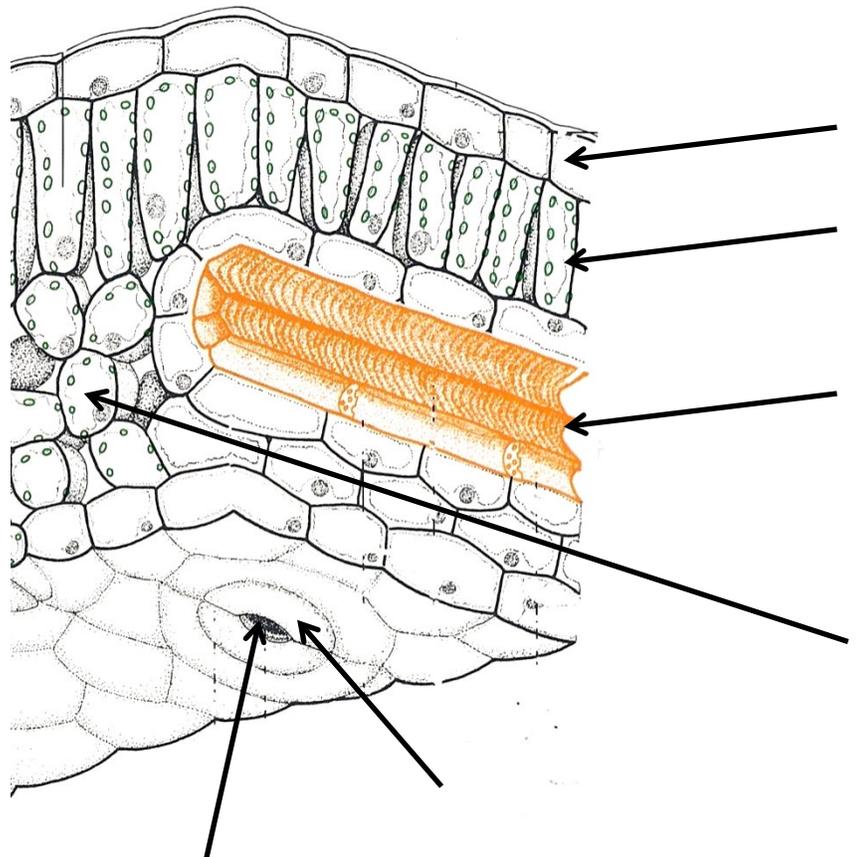


PHOTOSYNTHESIS POWERPOINT NOTES

NAME _____ HR _____

1. A plant's food does not come from the _____.
2. Plants make their food from _____ in the air and _____ in the soil.
3. Carnivores eat _____
4. Herbivores eat _____
5. Animals get food by _____ and plants make their food by _____.
6. Green plants take in CO_2 through their _____.
7. Plants take up water through their _____.
8. What is the formula for photosynthesis?
9. It takes _____ to make CO_2 combine with H_2O .
10. This energy comes from _____
11. The energy is absorbed and used by a green substance called _____.
12. The chlorophyll in the cells is packaged into tiny structures called _____.
13. What is the name of the process in a cell that releases energy?
14. Glucose can be turned into _____ (to do work)
15. Glucose can be turned into other _____ (to make fruit)
16. Glucose can be turned into _____ (to make new cells)
17. Glucose can be turned into _____ (to make cell walls)
18. Glucose can be turned into _____ (to store food for later)
19. Glucose can be turned into _____ (to make cell membranes)



20. What atoms do you need to build fat?
21. Where do you get the atoms you need to build fat?
22. What atoms do you need to build protein?
23. Where do you get the atoms you need to build protein?
24. Where are nitrates found?
25. What is the main atom in nitrates?
26. Name some other minerals plants need besides nitrogen
27. Which mineral is most important in the wheat experimental plots?
28. Plants combine _____ from the air, and water from the _____ to make glucose.
29. The energy needed for this process comes from _____
30. The sunlight is absorbed by chlorophyll contained in the _____ of the leaf.
31. The glucose can be used for _____ or to make other substances.
32. To make other substances, the glucose must be combined with other chemical elements such as _____ and potassium.
33. These chemical elements are present in the _____ and are taken up in solution by the _____ of the plant.