

Name:
Date:
Lab Partner:

Plant Nutrition

A. Plant Nutrition is:

B. Hypothesis on how plants get food:

C. Questions on the activity (The answers can all be found on the web sites):

1. Where does E. coli get its food?
2. What word means 'self feeding?' What kinds of organisms are 'self feeding?' Give three specific examples.
3. Write out the word equation for photosynthesis (Include both reactants and products):
4. What materials are required for photosynthesis?
5. Where in the cell does photosynthesis occur? (what organelle)
6. How is the leaf structure tailored to maximize photosynthesis?
7. How does water travel through the plant? (BONUS: name this process)
8. Where does CO₂ enter the leaf? (BONUS: what cells control this?)