

Name: _____ Class: _____ Date: _____

Investigating the Behaviour of Leaf Discs

Questions

1. If the leaf disks are placed in water why would the leaf discs float?
2. What procedure causes the leaf discs to sink? What did this do to the leaf?
3. When the leaf disks are placed under the light, where do the bubbles come from?
4. What gas are the bubbles made of?
5. Explain why the leaf discs rise when placed under the light.
6. What would you expect to happen if you put a black over petri dish? Explain your answer.
7. What problems (if any) did you meet during your experiment?
8. How would you make improvements to the experiment to get more accurate results?
9. What is the purpose of the sodium bicarbonate in this experiment?