

Using A Microscope - Pond Study

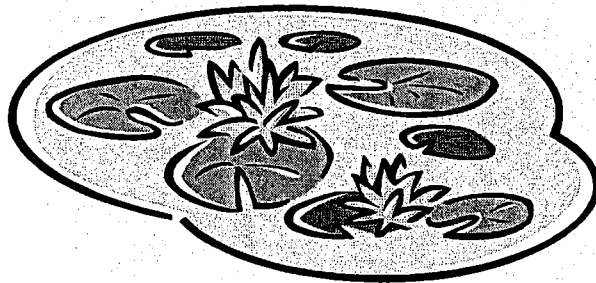
Purpose: To identify and describe the various organisms found in pond water.

Materials:

- Microscope
- Slide and slip cover
- Eye dropper
- Laptop
- Pond Water

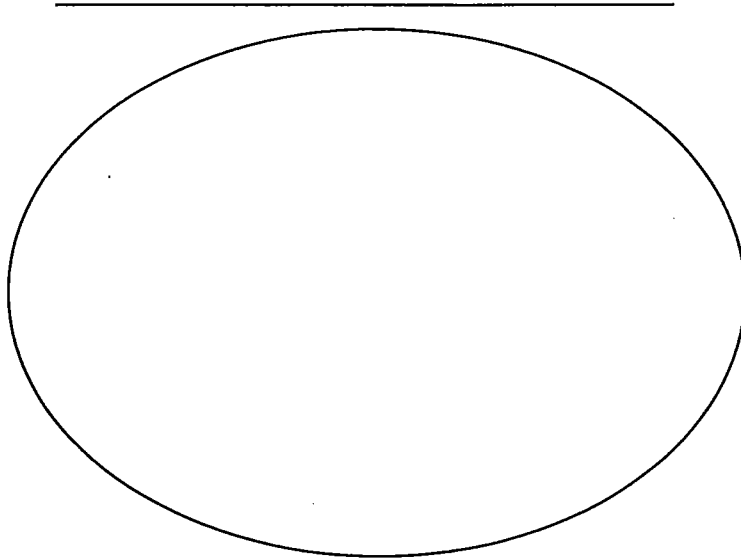
Procedure:

1. With your partner set-up your microscope and materials in your work area.
2. Take your eye dropper and get a sample of pond water from the pond water bucket.
3. Prepare a wet mount slide from the pond water. Review page 396 of your text on how to prepare a wet mount slide.
4. Complete the attached handout.
5. Write the name of the organism above the drawing circle.
6. Use pencil crayons to make an accurate drawing of the organisms you see under the microscope.
7. Answer the questions about the pond organisms you found.



Using A Microscope - Pond Study Handout

1. Use the 'Pond In A Jar' Website to name each organism
2. Use pencil crayons to make an accurate drawing of the organisms you see under the microscope.
3. Answer the questions about the pond organisms you found..



Pond Organisms

1. Who am I? _____
2. What do I eat? _____
3. Am I a carnivore? Herbivore? Omnivore? Scavenger? Parasite?

4. How does my shape help me survive? _____

5. If my species disappeared from a pond, would that affect the other forms of life still there? If so, how?
