

Pond Water Lab.

TITLE: Organisms

OVERVIEW: You will be able to describe both one-celled protozoans (i.e. amoeba, paramecium, euglena, etc.) and multi-celled organisms

PURPOSE: By gaining an understanding of protozoans, you will have the knowledge to deal with one-celled organisms, their advantages and disadvantages.

OBJECTIVE(s): *YOU WILL BE ABLE TO:*

1. Tell what a protozoan is.
2. Draw and label a protozoan.
3. Explain how different protozoans can affect them.
4. Understand protozoans relationships to their environment.

Materials

1. microscope (and knowledge of it's use)
2. pond water culture
3. straw or pipett
4. microscope slide and cover-slips
5. paper and pencil for notes.

ACTIVITIES AND PROCEDURES:

Put a drop of pond water on a microscope slide.

Put the slide on the microscope stage.

Focus the microscope, using the techniques discussed.

Draw on a piece of paper what microorganisms you are able to see.

Identify the microorganisms you are drawing(see handout).