

Name: \_\_\_\_\_

Class: \_\_\_\_\_

## UNICELLULAR ORGANISMS – CREEK WATER

### **Purpose:**

The purpose of this activity is to view unicellular organisms under a microscope, in order to gain a more clear understanding of their appearance.

### **Equipment:**

- Microscope
- Microscope Slide
- Slide Cover
- Tweezers
- Eye Dropper
- Creek Water
- Cotton Ball



### **Procedure:**

1. Prepare a wet-mount slide with a few strands of cotton from a cotton ball, using creek water instead of tap water.
2. Using the cotton to help you focus, observe the creek water with the microscope.
  - a. Focus the microscope on the cotton
  - b. Move your sample around, looking for unicellular organisms
  - c. Complete a drawing of anything interesting that you find (provided it stays in your view long enough to draw)
3. When you are done, clean your slide and lay it out to dry.

Note: Consider the following safety precautions:

- The creek water is not clean, filtered water, do not drink it and wash your hands after handling it.

Notes: You will be completing a project based on your work with microscopes throughout this unit. If there are any other observations/notes you think you should take, I recommend you do so.

If you wish, you may use your phone to take images throughout this activity.