Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Lab 2.3: Water under the microscope**

**Part 1: Making Video Observations**

|  |  |
| --- | --- |
| **Types of Observations****1.****2.****3.****4.** **5.** | **Recording Observations****1.** **2.****3.** |

|  |
| --- |
| **Diatoms** Written Observations: PictureQuestion: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Haematococcus**Written Observations: PictureQuestion: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Part 2: Under the Microscope**

**To setup the water microorganisms for observation:**

1. Turn on your microscope light
2. Using a plastic dropper, take one drop of your pond water and place it on the microscope slide.
3. Place a cover slip over the slide.
4. Turn nobs until the desired focus is reached and move slide if needed

**Organism 1**

Written Observations: Picture

Question: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Organism 2(don’t see anything? Wipe the slide off and try a new drop)**

Written Observations Picture

Question: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Want to be a lab superstar? Observe a 3rd Organism!**

Written Observations Picture

Question: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_