

Microscopy Lab Write Up

BI30- LE1 c.

BI30- LE1 f.

One lab report is to be completed per lab group.

Due: Friday September 14, 2018 at 9:00 (period 1) and 10:06 (period 2) or 2:11 (period 5).

Your report should be typed, not hand-written.

1. What was the original hypothesis for your group?
2. Briefly outline the experiments you conducted. (Include materials and procedure)
3. Based on your results, was your initial hypothesis correct or did it need improvement? If you did make changes, what did you update and why? Were you able to re-test with success?
5. Please include 1 properly titled and labeled pencil drawing of the pond water and the onion on 8.5" x 11" unlined page of white paper. Draw only what you see!
 - *Do not shade
 - *Do not draw the circle of the field of view
6. Estimate the size of any cells you did see, and include the calculation on the back of your drawing.
7. Based on your results, does the onion or water have viewable cells?
8. What are the three (3) components of the cell theory?
9. What slowed the progression and development of the cell theory?
10. What are the steps of the scientific method, and why can it be described as *cyclical*.