**Ecobottle Final Observations and Conclusions:**

Ecobottle Wrap-Up Procedure:

1. Take final qualitative observations in notebook
2. Measure pH, nitrates, ammonia levels
3. Measure and quantitative data you have been collecting (plant height, etc.)
4. If you have a fish, use the access chamber to cut open your aquatic chamber. Ask Ms. Paxson for help transferring your fish to a take-home container
5. Throw out the upper portion of your ecobottle, drain your water, and put any remaining aquatic plants you do not want in the back fish tank. **DO NOT OPEN YOUR COMPOST CHAMBER**

When you are done, you can begin working on the following conclusion questions, which are due on Wednesday, 10/17. *Please answer all conclusions in* ***complete sentences***:

1. Write a *well-developed* paragraph describing your ecobottle results. How did your ecobottle change over the course of the project? What observations surprised you? Be sure to include descriptions of all three chambers’ changes.
2. How did nutrient levels change from week 2-week 7? Use internet sources and your textbook to explain these changes. What contributed to these nutrient concentrations?
3. Did you notice any trends in the pH of your Ecobottle? Explain these changes using outside research. Include specifics on what may have changed these pH levels in your bottle.
4. How did your ecobottle exhibit succession? Explain.
5. Did your terrestrial chamber begin to die towards the end of the project? If so, explain why.
6. Was there anything that went wrong with your ecobottle? Conduct brief outside research to try to explain this issue.