

Nutrient Pollution Lab



Discussion Questions

Instructions: Use your observations from the nutrient pollution lab to answer the questions below.

1. Identify the variables and control in this experiment.
2. Did your observations support your prediction? Explain.
3. How do excess nutrients affect the growth of algae (use your observations to support your explanation)?
4. How does sunlight affect the growth of algae (use your observations to support your explanation)?
5. Which beaker(s) represent cultural eutrophication that is the result of runoff from farms and fertilized lawns? Explain.

6. What are fertilizer best practices?

7. What are riparian zones?

8. Describe how one or more activities with which you are personally involved could have an effect (positive or negative) on ecosystems in others locations?