

Name \_\_\_\_\_

## The Nitrogen Cycle's Impact on Aquatic Worlds

### Short Answer

1. Describe the role of denitrifying bacteria in the nitrogen cycle in aquatic ecosystems.
2. Explain how eutrophication can occur in aquatic environments due to excessive nitrogen inputs.
3. What are the sources of nitrate pollution in water bodies, and how can it impact aquatic organisms?
4. Discuss the importance of maintaining balanced nitrogen levels in aquatic ecosystems for biodiversity conservation.
5. How do aquatic plants and phytoplankton utilize nitrogen compounds for growth and metabolism?

