

Name _____

Unveiling the Mystery of Ammonification

Open-Ended Response Questions

1. Investigate the potential impacts of environmental factors, such as temperature and moisture, on the rate of ammonification in soil ecosystems.
2. Explore the role of earthworms and other soil macrofauna in facilitating the process of ammonification and nutrient cycling in soil.
3. Discuss the consequences of excessive use of nitrogen-rich fertilizers on soil fertility and the balance of the nitrogen cycle in agricultural ecosystems.
4. Reflect on the interconnectedness of ammonification with other biogeochemical cycles, such as the carbon and phosphorus cycles, in sustaining ecosystem health and function.

