

Name _____

Unlocking the Secrets of the Nitrogen Cycle

Multiple Choice Questions

1. What is the first step in the nitrogen cycle?
 - a) Nitrification
 - b) Nitrogen fixation
 - c) Denitrification
 - d) Assimilation

2. Which organisms are responsible for nitrogen fixation?
 - a) Decomposer bacteria
 - b) Nitrifying bacteria
 - c) Nitrogen-fixing bacteria
 - d) Denitrifying bacteria

3. What do plants use nitrates for?
 - a) Building proteins and DNA
 - b) Producing oxygen
 - c) Absorbing carbon dioxide
 - d) Releasing nitrogen gas

4. What is the process by which organic matter is broken down into ammonia?
 - a) Nitrification
 - b) Assimilation
 - c) Denitrification
 - d) Ammonification

5. Under what conditions does denitrification occur?
 - a) Aerobic conditions
 - b) Dry soils
 - c) Anaerobic conditions
 - d) Sunny weather

