

Name _____

Unraveling the Flow of Energy and Matter in Ecosystems

Multiple Choice Questions

1. Where does energy enter ecosystems?
 - a) From sunlight
 - b) From decomposers
 - c) From consumers
 - d) From water

2. Which organisms occupy the first trophic level in ecosystems?
 - a) Consumers
 - b) Decomposers
 - c) Producers
 - d) Tertiary consumers

3. What role do decomposers play in ecosystems?
 - a) Capturing sunlight
 - b) Breaking down organic matter
 - c) Preying on other organisms
 - d) Producing glucose

4. What is the process by which nutrients cycle through ecosystems?
 - a) Energy transfer
 - b) Nutrient recycling
 - c) Photosynthesis
 - d) Decomposition

5. How do primary consumers obtain energy?
 - a) By consuming other consumers
 - b) By consuming producers
 - c) By absorbing sunlight
 - d) By decomposing organic matter

