

Name _____

Unraveling the Web of Life: Understanding Food Webs in Ecology

Open-Ended Response Questions

1. Discuss the significance of food webs in ecology and how they differ from food chains. Provide examples to illustrate your explanation.
2. Explain how decomposers contribute to nutrient recycling in ecosystems and why they are essential for ecosystem health.
3. Describe the feeding relationship between a tertiary consumer and its prey in a food web, providing examples of each.
4. Discuss the concept of trophic levels in a food web and how energy flows through different levels. Provide examples to support your explanation.

