

Ecosystem Unit Study Guide

Use this as a reference guide on what to study for your test on our Ecosystem Unit.
If you know all of these answers, you should be good to go for your test!

1. What is the process of photosynthesis and what does it do?
2. Why is photosynthesis important?
3. What is the difference between a species, population, community, and an ecosystem?
4. What are biotic and abiotic factors and how are they connected?
5. What is the difference between a habitat and a niche?
6. How are food chains, food webs, and energy pyramids similar and different?
7. How are carrying capacity and limiting factors related?
8. What is the difference between consumers, producers, and decomposers?
9. What is the difference between carnivores, herbivores, and omnivores?
10. How are invasive species bad for an ecosystem?
11. What is the difference between commensalism, mutualism, and parasitism?
12. Define ecology.
13. Describe the difference between structural and behavioral adaptations.
14. What is primary succession, secondary succession, and pioneer species?
15. Using the food web below, find producers, consumers, carnivores and herbivores.

