

Name: _____ Date: _____ Hour: _____

Ecosystem Notes

Directions: Follow along with the PowerPoint and fill in your notes as we go.

What is an ecosystem?

1. An _____ is all the living and _____ things that exist and interact in one place.
2. An ecosystem describes a specific area where the organisms _____ as a unit.

Abiotic factors

3. _____ factors are all of the nonliving factors that affect an ecosystem.
4. To live and grow, plants and animals need _____ things.
5. Abiotic factors include _____, _____, and sunlight.

Biotic factors

6. Biotic factors of an ecosystem are all of the _____ of an ecosystem, such as _____ and animals.
7. Biotic factors can be sorted into three groups: _____, consumers, and _____.

Environment

8. Different ecosystems are _____ to different kinds of living things.
9. A living thing can live only in an environment that meets its _____.
10. An environment is _____ that surrounds and _____ a living thing.

Community & Population

11. All the living things in an ecosystem make up a _____ .
12. A population is all the members of _____
_____ of plant or animal.
13. A community is made up of different _____ .

Relationships in an Ecosystem

14. In an ecosystem, everything living thing has a _____ to do.
15. Living things in an ecosystem depend on _____
_____ to meet their needs. This means they are _____ .

Producers

16. _____ play the role of producers.
17. A producer is a living thing that makes its _____
_____ .
18. Plants use energy from _____ to make food. This process is called _____ .

Consumers

19. _____ are consumers.
20. When an animal eats a plant, _____ in the plant moves into the animal.
21. A _____ gets energy by eating plants, or by eating other animals that eat plants.
22. All consumers depend on _____ for food.

Decomposers

23. Decomposers are organisms that _____
_____ the remains of dead animals.
24. Decomposers turn the unused material into _____ in the soil. These nutrients help plants (producers) _____ .