

Unit 3 Sustainable Ecosystems

Day 1 : Using the powerpoint presentation complete the following introductory worksheet

1. Ecology - The study of how organisms interact with their _____ and _____
2. Ecosystem - All of the _____ parts of a biological community and its physical environment within a specific area. It can be _____ or _____, and temporary or permanent.
3. Producer - Organisms capable of making their own food from: _____, _____ & _____
4. Consumer - Organisms that must eat _____ for food
5. Types of Consumers
 - a. Herbivore
An organism that eats _____ as ____% or more of its diet
 - b. Carnivore
An organism that eats _____ as ____% or more of its diet
 - c. Omnivore
Organisms that eat a mixture of fresh _____ & _____ materials
- 6a. Detritus - _____ from plants and animals, including _____
- 6b. Decomposer -Organisms that consume _____
7. Pest - An organism that considered to be _____ in a particular situation. e.g.
8. Food Chain -Sequence of organisms, one _____ off another
9. Food Web - A pictorial representation of _____ among organisms in an ecosystem
10. Habitat - Where an organism lives in its _____
11. Niche - Everything an organism does to _____ & _____
12. Species - A group of organisms that _____ in the natural world and produce fertile _____
- 13a. Biotic factors The part of the environment that is _____ or was once _____
eg,
- 13b. Abiotic factors - The part of the environment that was never _____
eg.
14. Population - All of the members of one _____ living in an area
15. Community - All of the different _____ in an ecosystem
16. Ecotones - The _____ area between one ecosystem and another ecosystem