

Name: _____ Date: _____

Ecosystems Lessons 1-5 Study Guide

Define

- Biome
- Ecosystem
- Tundra
- Taiga
- Deciduous Forest
- Desert
- Rain Forest
- Marine Biome
- Freshwater Wetland
- Grassland
- Interdependence
- Consumer
- Producer
- Decomposer
- Predator
- Prey
- Abiotic Factor
- Biotic Factor
- Photosynthesis
- Terrarium/ Terrestrial
- Aquarium / Aquatic
- Carnivore
- Omnivore
- Herbivore

Compare / Contrast

- Weather, plants, & animals of different biomes
- Roles of Producers, Consumers, & Decomposers
- Abiotic and Biotic Factors found in a biome

Explain

- The Food Energy Pyramid
 - First, Second, & Third Level Consumers
 - Why energy is lost as you move up the pyramid
 - Why producers are found at the bottom
 - Why you need the greatest number of producers and the fewest number of apex predators
- The Food Web
 - What happens when the population of one species suddenly increases
 - What happens when the population of one species suddenly decreases
 - The sun's role
 - How to read a food web diagram
 - How a food web illustrates interdependence

