Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Class\_\_\_\_\_\_\_\_\_\_\_\_\_Partners:   
 **Ecology Exam Review**

**Part 1 Vocabulary: Be able to define and give examples of these words below:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. Herbivores  2. Omnivores  3. Carnivores  4. Detritivores | 5. Producers  6. Consumers  7. Decomposers 8. Ecology | 9. Biologist 10. Biotic Factors 11. Abiotic Factors  12. Biome | 13. Ecosystem 14. Symbiosis 15. Food chain  16. Food web | 17. Habitat  18. Community  19. Population 20. Organism |

**Part 2: Photosynthesis and Respiration: Be able to draw an organism that uses photosynthesis and and organism that does respiration. Use arrows to show how the following molecules move between them:**  
  
H20 CO2 C6H1206 02  
   
Organism that uses Photosynthesis: Organism that does respiration:  
  
  
  
  
  
**Part 3: Draw a food chain to show how energy passes from 1 organism to another. Label the producer, consumer, and decomposer.**  
  
  
 **Part 4: Look at a picture of a biome (or ecosystem) and identify the biotic factors, abiotic factors, producers, herbivores, carnivores, and detritivores. Also describe 3 examples of symbiosis.  
  
  
  
  
  
  
Part 5: Be able to dissect vocabulary and describe what each part means. Use the Ecology Word Dissection Review sheet to help you.  
  
Other resources to help you study:**

Food Chain webquest  
Illuminating Photosynthesis webquest

**\*You can find these resources on the class website:** [**http://hutchisonesl.weebly.com/biology.html**](http://hutchisonesl.weebly.com/biology.html)

Save the trees webquest

Example of Ecosystems Powerpoint  
Ecological Roles Sorting Activity  
Food Chains and Energy Active Reading  
Your notes in your Science Notebook