



Name: _____

Date: _____

Due: _____

Unit 3: Matter and Energy in Organisms and Ecosystems - Vocabulary

Directions. Please complete the following vocabulary tables by checking the box that indicates your knowledge of the term. If you check that you *Know it and can Explain it*, then you need to define the term in the last column. If you check the *Heard it/Seen it before* or *No Clue* column, then you need to record the definition when you encounter that word during the unit.

Chapter 4: Cells and Energy

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
1. ATP				
2. ADP				
3. Chemosynthesis				
4. Photosynthesis				
5. Chlorophyll				
6. Thylakoid				
7. Light-Dependent Reactions				
8. Light-Independent Reactions				
9. Photosystem				
10. Electron Transport Chain				

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
11. ATP Synthase				
12. Calvin Cycle				
13. Cellular Respiration				
14. Aerobic				
15. Glycolysis				
16. Anaerobic				
17. Krebs Cycle				
18. Fermentation				
19. Lactic Acid				

Chapter 13: Principles of Ecology

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
20. Ecology				
21. Producer				
22. Autotroph				

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
23. Consumer				
24. Heterotroph				
25. Chemosynthesis				
26. Food Chain				
27. Herbivore				
28. Carnivore				
29. Omnivore				
30. Detritivore				
31. Decomposer				
32. Specialist				
33. Generalist				
34. Trophic Level				
35. Food Web				
36. Hydrologic Cycle				

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
37. Biogeochemical Cycle				
38. Nitrogen Fixation				
39. Biomass				
40. Energy Pyramid				