



Name: _____

Date: _____

Due: _____

Unit 1: Chemistry of Life - 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 1: Biology in the 21st Century

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
1. Biosphere				
2. Species				
3. Cell				
4. Ecosystem				
5. Homeostasis				
6. Evolution				
7. Adaptation				
8. Observation				
9. Data				
10. Hypothesis				

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
11. Experiment				
12. Independent Variable				
13. Dependent Variable				
14. Constant				
15. Theory				

Chapter 2: Chemistry of Life

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
16. Atom				
17. Element				
18. Compound				
19. Ion				
20. Ionic Bond				
21. Covalent Bond				
22. Molecule				

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
23. Hydrogen Bond				
24. Cohesion				
25. Adhesion				
26. Solution				
27. Solvent				
28. Solute				
29. Acid				
30. Base				
31. pH				
32. Monomer				
33. Polymer				
34. Carbohydrate				
35. Lipid				
36. Fatty Acid				

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
37. Protein				
38. Amino Acid				
39. Nucleic Acid				
40. Chemical Reaction				
41. Reactant				
42. Product				
43. Bond Energy				
44. Equilibrium				
45. Activation Energy				
46. Exothermic				
47. Endothermic				
48. Catalyst				
49. Enzyme				
50. Substrate				