



Name: _____

Date: _____

Due: _____

Unit 7: Evolution - 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 10: Principles of Evolution

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
1. Evolution				
2. Species				
3. Fossil				
4. Variation				
5. Adaptation				
6. Artificial Selection				
7. Heritability				
8. Natural Selection				
9. Population				
10. Fitness				

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
11. Biogeography				
12. Homologous Structure				
13. Analogous Structure				
14. Vestigial Structure				
15. Paleontology				
16. Pseudogene				

Chapter 11: The Evolution of Populations

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
17. Gene Pool				
18. Allele Frequency				
19. Normal Distribution				
20. Microevolution				
21. Directional Selection				
22. Stabilizing Selection				
23. Disruptive Selection				

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
24. Gene Flow				
25. Genetic Drift				
26. Bottleneck Effect				
27. Founder Effect				
28. Sexual Selection				
29. Hardy-Weinberg Equilibrium				
30. Reproductive Isolation				
31. Speciation				
32. Behavioral Isolation				
33. Geographic Isolation				
34. Temporal Isolation				
35. Convergent Evolution				
36. Divergent Evolution				
37. Coevolution				

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
38. Extinction				
39. Punctuated Equilibrium				
40. Adaptive Radiation				

Chapter 17: The Tree of Life

Term	<i>Know it and can Explain it</i>	<i>Heard it or Seen it before</i>	No Clue	Definition and Notes
41. Taxonomy				
42. Taxon				
43. Binomial Nomenclature				
44. Genus				
45. Phylogeny				
46. Cladistics				
47. Cladogram				
48. Derived Character				
49. Molecular Clock				
50. Mitochondrial DNA				