**Unit Review**

**“Not A Substitute For Studying Your Notes”**

**Ecology**

1. *What is ecology?*
2. *What is environment?*
3. *What do you call a scientist who studies ecology?*
4. *What do organisms get from their environment?*
5. *What do all the organisms in an environment do?*
6. *What are some examples of interactions?*
7. *What is a predator?*
8. *What is prey?*
9. *What is a population?*
10. *What is a community?*
11. *What is an ecosystem?*
12. *What size is an ecosystem?*
13. What is a habitat?
14. What does a habitat provide for an organism?
15. What is a niche?
16. What are limiting factors?
17. What are limiting factors for animals?
18. What are limiting factors for plants?
19. Why do animals and plants need nitrogen?
20. What allows animals and plants to use nitrogen?
21. What is a consumer?
22. What is a producer?
23. What is a scavenger?
24. What is a decomposer?
25. What does a primary consumer eat?
26. What does a secondary consumer eat?
27. What does a tertiary consumer eat?
28. What is food chain?
29. What are some examples of food chains?
30. What is a food web?
31. What is an energy pyramid?
32. What layer of a food pyramid is the largest and has the most food and energy?
33. What is always found at the beginning of a food chain?
34. What is the source of all energy on earth?
35. What is an herbivore?
36. What is a carnivore?
37. What is a omnivore?
38. What is succession?
39. What has to occur for succession to start?
40. What organisms change first in a succession?
41. What are natural resources?
42. What are renewable resources?
43. What are are nonrenewable resources?
44. What is conservation?
45. What is pollution?
46. What are endangered species?
47. In a balanced environment what happens to the average size of the populations living in it?
48. What are examples of natural disturbances?
49. What are examples of people caused disturbances?
50. How is acid rain formed? Which chemicals are involved?
51. What is the carrying capacity?
52. Know the 3 soil types
53. Know your photosynthesis equation! The reactants and the products.
54. Know your respiration equation! The reactants and the products
55. Know the order of a soil profile
56. Know the Joseph Priestley experiment.
57. If two top predators were competing in an ecosystem and one of them died. What could the benefits to the surviving top predator be?
58. You need to be able to label the carbon cycle mind map that looks like a star!!!
59. You should be able to label a food chain.