**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Unit 2 Matter & Energy Study Guide**

1. What is an herbivore?
2. What is an omnivore?
3. What is a carnivore?
4. What is a detrivore?
5. What is the 10 % rule?
6. What is the ultimate source of energy for almost all life?
7. What is a food chain?
8. What is a food web
9. What is an energy pyramid?
10. What is a trophic level?
11. Where do plants get the carbon that makes up their tissues?
12. What is nitrogen fixation?
13. Where is nitrogen fixing bacteria found?
14. What is the largest reservoir of nitrogen? Is this nitrogen usable by living organisms?
15. What makes up an organism’s habitat?
16. What is the energy lost between trophic level used for?
17. Can animals use the nitrogen in the air we breathe?
18. What is a pioneer species? Give an example?
19. What is primary succession?
20. What is secondary succession?
21. What is the difference between primary and secondary succession?
22. What does an ecosystem need to survive indefinitely?
23. What is the end result of secondary succession?
24. What does abiotic mean?
25. What does biotic mean?
26. What is evaporation?
27. What is condensation?
28. What is precipitation?
29. What is run-off?
30. What is transpiration?
31. What is a keystone species?
32. What is a niche?
33. What is a population?
34. What is a community?
35. What is an adaptation?