Unit 1 Vocabulary

1. Cells – smallest unit of life
2. Adapt – to change
3. Reproduce – to make more of your species
4. Metabolism – all chemical reactions in your body
5. Chemical reactions – interaction of molecules to produce things needed for life
6. Digestion – to break down (like food)
7. Stimulus – anything that causes you to react
8. Organism – a living thing
9. Species – organisms that can reproduce together
10. Synthesis – to make
11. Transport – to move
12. Excretion – to get rid of wastes
13. Respiration – to make energy with oxygen so breathing is needed
14. ATP – the energy used by organisms
15. Nutrition – to take in essential molecules to live (eat)
16. Growth – to develop to maturity
17. Regulation – to control
18. Homeostasis – to maintain a stable internal body
19. Independent variable – the part of an experiment that YOU CHOOSE
20. Dependent variable – the part of an experiment that is MEASURED (the results)
21. Control group – part of an experiment that is used to compare results to
22. Experimental group – part of the experiment that has what you are testing
23. Variables – things that change the results in an experiment
24. Constants – things that all parts of an experiment have exactly the same
25. Hypothesis – an educated guess to a problem
26. Waste – unwanted material
27. Oxygen – molecule animals breathe in O2
28. Carbon dioxide – molecule animals breathe out CO2