**Block 2A ch. 3 vocab**

1. Classification(taxonomy): system of naming and organizing organisms based on similarities
2. Kingdom: largest classification group
3. Phylum:
4. Class:
5. Order
6. Family
7. Genus
8. Species: smallest most specific group; need to be able to reproduce with another organism and make fertile offspring
9. Hierarchical: ranking system for living organisms
10. Continuity: future success or continuation of a species through reproduction
11. Eukaryote: cell with a nucleus and membrane bound organelles
12. Prokaryote: cell without a nucleus
13. Population: group of organisms in the same species in one particular place at one time
14. Division
15. Diversity: variety of organisms in one area; the variety or differences within one species
16. Chlorophyll: green pigment in plants that collects sunlight for photosynthesis
17. Producers(autotroph): organism that makes its own food from the sun’s energy
18. Consumer(heterotroph): organism that eats food for energy
19. Decomposer: organisms that break down dead organisms and recycle nutrients back into environment; Ex: bacteria/fungi
20. Multicellular: composed of many cells
21. Unicellular: composed of one cell