

1. Anatomy	the study of body structure	23. Plantae	kingdom of multicellular photosynthetic autotrophs that have cell walls containing cellulose
2. Animalia	kingdom of multicellular eukaryotic heterotrophs whose cells do not have cell walls	24. Prokaryote	a unicellular organism that lacks a nucleus and membrane-bound organelles
3. Archea	the domain of unicellular prokaryotes that have cell walls that do not contain peptidoglycan	25. Protista	a kingdom of mostly one-celled eukaryotic organisms that are different from plants, animals, bacteria, and fungi
4. Autotroph	an organism that is able to form nutritional organic substances from simple inorganic substances such as carbon dioxide.	26. Species	a group of similar organisms that can breed and produce fertile offspring.
5. Bacteria	single-celled organisms that lack a nucleus; prokaryotes	27. Taxonomy	science of classification
6. Binomial nomenclature	classification system in which each species is assigned a two-part scientific name	28. Unicellular	a single celled organism
7. Cladogram	diagram that shows the evolutionary relationships among a group of organisms		
8. Class	in classification, a group of closely related orders		
9. Classify	arrange (a group of people or things) in classes or categories according to shared qualities or characteristics.		
10. Domain	larger, more inclusive taxonomic category than a kingdom		
11. Eukarya	domain consisting of all organisms that have a nucleus; includes protists, plants, fungi, and animals		
12. Eukaryote	organism whose cells contain a nucleus		
13. Family	in classification, group of similar genera		
14. Fungi	kingdom composed of heterotrophs; many obtain energy and nutrients from dead organic matter		
15. Genus	a classification grouping that consists of a number of similar, closely related species		
16. Heterotroph	organism that obtains energy from the foods it consumes; also called a consumer		
17. Hierarchy	a group organized by rank		
18. Kingdom	large taxonomic group, consisting of closely related phyla		
19. Multicellular	made of many cells		
20. Order	in classification, a group of closely related families		
21. Phylum	in classification, a group of closely related classes		
22. Phylogenetic Tree	shows relationships among different organisms; has branches representing evolutionary time and amount of change		