

	Word	Definition	Synonym
1	classification	the process of grouping things based on their similarities	grouping
2	taxonomy	the study of how things are classified	science of grouping
3	hierarchy	a system of things that are ranked one above the other	ranking
4	domain	the broadest classification level; at the top of the classification hierarchy	top
5	kingdom	classification category below domains in the classification hierarchy	2nd
6	phylum/phyla	a group of organisms that share more specific characteristics and activities; classification category below kingdoms in the classification hierarchy	3rd
7	class	classification category below phylum in the classification hierarchy	4th
8	order	classification category below class in the classification hierarchy	5th
9	family	classification category below order in the classification hierarchy	6th
10	genus	a classification grouping that contains similar, closely related organisms; classification category below family in the classification hierarchy	7th
11	species	a group of similar organisms that can mate and produce fertile offspring in nature; classification category below genus in the classification hierarchy	8th
12	binomial nomenclature	the two-part naming system made up of a genus and species	two names
13	Archaea	domain that includes prokaryotic organisms usually found in extreme conditions; they replicate their proteins and DNA in a different manner than bacteria	extreme organisms
14	Bacteria/Bacterium	single-celled prokaryotes that can be seen with the help of a microscope	eubacteria
15	Eukarya	domain that includes all eukaryotic organisms	domain
16	autotroph	an organism that makes its own food	food maker
17	heterotroph	an organism that cannot make its own food	eater
18	binary fission	a form of asexual reproduction in which one cell divides to form two identical cells	splitting
19	asexual reproduction	reproduction that involves only one parent (the offspring are identical to that parent)	one parent
20	flagellum/flagella	a long, whip-like structure that helps unicellular organisms move	tail
21	endospore	small, rounded, thick-walled resting cell of a bacteria; contains genetic materials and some of its cytoplasm; resists freezing, heating, and drying	pod
22	virus	small, non-living particle that invades, and then reproduces inside a living cell	non-living invader
23	host	an organism that provides energy and a place to live for a virus or a parasite	victim
24	parasite	an organism that causes harm to its host	taker