

VOCABULARY MAGIC LIST OF BIOLOGY TERMS

CATEGORY 1: CELL STRUCTURE AND FUNCTION

Sort 1	Sort 2	Sort 3	Sort 4	Sort 5	Sort 6
cells	biomolecule	diffusion	chloroplast	virus	cell cycle
prokaryotic	carbohydrate	osmosis	cytoskeleton	lytic infection	DNA replication
eukaryotic	lipid	active transport	golgi apparatus	lysogenic infection	cytokinesis
organelle	protein	facilitated diffusion	lysosome	pathogen	mitosis
cell wall	nucleic acid	equilibrium	mitochondria	vaccine	interphase
cell membrane	monomer	hypotonic	nucleolus	HIV	stem cell
ribosome	polymer	hypertonic	rough ER	bacteria	disrupt
nucleus	dehydration synthesis	endocytosis	smooth ER	antibiotic	cell differentiation
endosymbiotic theory	hydrolysis	exocytosis	vacuole	influenza	cancer

CATEGORY 2: MECHANISMS OF GENETICS

Sort 1	Sort 2	Sort 3	Sort 4
nucleotide	point mutation	gene	monohybrid cross
codon	translocation	alleles	dihybrid cross
sequence	chromosomal mutation	homozygous	incomplete dominance
genetic code	nondisjunction	heterozygous	ratio
complementary bases	trisomy	dominant allele	X-linked inheritance
RNA	polyploidy	recessive allele	segregate
transcription	gene regulation	genotype	meiosis
translation	mutagens	phenotype	independent assortment
DNA	frameshift mutation	genetic cross	pedigree

CATEGORY 3: BIOLOGICAL EVOLUTION AND CLASSIFICATION

Sort 1	Sort 2	Sort 3	Sort 4
fossils	adaptation	hierarchy	autotroph
biogeography	natural selection	taxonomy	heterotroph
embryo	diversity	phylogenetic tree	Kingdom Archaeobacteria
homology	fitness	binomial nomenclature	Kingdom Eubacteria
vestigial	competition	dichotomous key	Kingdom Protista
analogous structure	gene pool	domain	Kingdom Fungi
extinct	genetic drift	taxon	Kingdom Plantae
molecular evidence	gene flow	species	Kingdom Animalia
common ancestor	speciation	kingdom	trait

CATEGORY 4: BIOLOGICAL PROCESSES AND SYSTEMS

Sort 1	Sort 2	Sort 3	Sort 4
photosynthesis	interaction	shoot system	organism
cellular respiration	regulate	root system	organ system
ATP	absorption	xylem	organ
reactants	reproduction	phloem	tissue
products	defense	stomata	population
chlorophyll	hormones	pollination	community
anaerobic respiration	neurons	fruit	ecosystem
glucose	homeostasis	phototropism	biological systems
carbon dioxide	feedback loop	geotropism	biological processes

CATEGORY 5: INTERDEPENDENCE WITHIN ENVIRONMENTAL SYSTEMS

Sort 1	Sort 2	Sort 3
food web	predator	ecological succession
trophic level	symbiosis	pioneer species
primary consumer	parasitism	habitat destruction
secondary consumer	commensalism	reservoir
tertiary consumer	mutualism	source
decomposer	exponential growth	biogeochemical cycle
ecological pyramid	limiting factors	nonnative species
biomass	carrying capacity	bioremediation
producer	abiotic factor	climate change