

Life Science Vocabulary List

observation	nucleus	fermentation	myosin	mastication
quantitative observation	eukaryotic cell	aerobic respiration	binary fission	stomach
qualitative observation	prokaryotic cell	anaerobic respiration	regeneration	small intestine
prediction	organelle	diffusion	budding	duodenum
hypothesis	cell wall	passive transport	spores	ileum
inference	chloroplast	facilitated diffusion	ATP	jejunum
bias	mitochondria	osmosis	ADP	colon
analyze	specialization	hypertonic	organ system	large intestine
evaluate	tissue	hypotonic	homeostasis	pancreas
theory	organ	isotonic	skeletal system	gall bladder
law	lysosome	active transport	compact bone	rectum
variable	vacuole	endocytosis	spongy bone	urinary system
manipulated variable (independent)	endoplasmic reticulum	exocytosis	axial skeleton	urine
responding variable (dependent)	ribosome	DNA	appendicular skeleton	kidney
control	Golgi apparatus	RNA	muscular system	nephron
constant	nucleolus	chromosome	voluntary muscle	glomerulus
skepticism	cilia	chromatid	smooth muscle	Bowman's capsule
critical thinking	flagellum	centromere	involuntary muscle	bladder
scientific processes	plasmid	cell cycle	cardiac muscle	ureter
precision	plasma membrane	interphase	sacromere	urethra
accuracy	phospholipid bilayer	mitosis	respiratory system	circulatory system
model	chemical reaction	cytokinesis	epiglottis	blood
technology	carbohydrate	prophase	trachea	red blood cell
ethics	glucose	metaphase	diaphragm	artery
informed consent	lipid	anaphase	alveoli	vein
unicellular	protein	telophase	bronchial tubes	capillary
multicellular	nucleic acid	centrioles	nutrient	leukocytes
microscope	chemical energy	microtubules	digestion	thrombocytes
bacteria	photosynthesis	microfilaments	digestive system	platelets
cell membrane	chlorophyll	actin	peristalsis	plasma
cytoplasm	cellular respiration	asexual reproduction	salivary glands	aorta

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atrium	menstruation	hybrid	virus	anther
ventricle	fertilization	homozygous	conjugation	stigma
arteries	embryo	heterozygous	lytic cycle	filament
veins	fetus	codominance	lysogenic cycle	pistil
capillaries	ovaries	incomplete dominance	producers	stamen
pathogen	uterus	replication	decomposers	sepal
immune system	fallopian tubes	transcription	parasites	petal
antibody	testes	translation	host cell	ovary
antigen	menopause	mRNA	algae	evolution
immunity	sperm	rRNA	plankton	natural selection
vaccine	zygote	tRNA	protozoa	adaptation
antibiotic	egg	amino acid	autotroph	speciation
T cell	sexual reproduction	mutation	heterotroph	gradualism
B cell	gene	pedigree	consumer	punctuated equilibrium
phagocyte	heredity	autosomal	predator	ancestor
integumentary system	allele	sex-linked	prey	vestigial organ
epidermis	phenotype	selective breeding	stimulus	homologous structure
dermis	genotype	genetic engineering	hyphae	embryology
stimulus	dominant	genome	lichen	fossil
central nervous system	recessive	cloning	vascular system	index fossil
neuron	trait	classification	transpiration	mold and cast fossil
peripheral nervous system	Punnett square	taxonomy	xylem	petrified wood
autonomic nervous system	ratio	genus	phloem	ecology
voluntary nervous system	probability	binomial nomenclature	seed	ecosystem
myelin sheath	percentage	dichotomous key	embryo	biotic factor
Schwann cells	F1 generation	domain	germination	abiotic factor
endocrine system	F2 generation	Plantae	pollen	water cycle
hormone	gamete	Animalia	gymnosperm	carbon cycle
gland	meiosis	Protista	angiosperm	nitrogen cycle
negative feedback	monohybrid	Fungi	flower	food chain
positive feedback	dihybrid	Archaea	fruit	food web

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energy pyramid	cell theory
primary consumer	dynamic equilibrium
secondary consumer	fluid mosaic model
tertiary consumer	selective permeability
biome	transport protein
coniferous	cytoskeleton
deciduous	Calvin cycle
estuary	fermentation
species	glycolysis
population	Krebs cycle
habitat	metabolism
niche	thylakoid
community	granum
competition	NADP
cooperation	electron transport chain
symbiosis	pyruvic acid
mutualism	mitochondria
commensalism	cristae
parasitism	vesicle
limiting factor	endosymbiotic theory
carrying capacity	anabolism
succession	catabolism
pioneer species	
conservation	