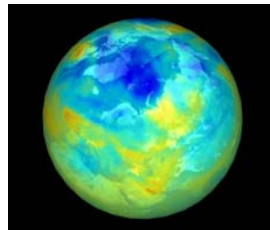


Glossary

High School Level Living Environment Glossary

English | Mandinka

Translation of Living Environment terms based on the Coursework for Living Environment Grades 9 to 12.



This glossary is to PROVIDE PERMITTED TESTING ACCOMMODATIONS of ELL/MLL students. It should also be used for INSTRUCTION during the school year. The glossary may be downloaded, printed and disseminated to educators, parents and ELLs/MLLs.

Please click [here](#) for the New York State Office of Bilingual Education and World Languages Webpage on "[Assessment and Testing Accommodations](#)"





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Living Environment Glossary - High School Level

ENGLISH	MANDINKA
A	
abandon	ka filidié
abbreviation	ka soutouyandi
ability	nolo
abiogenesis	abiogenesisiso
abiotic	abiotico
abiotic factor	abiotico facteuro
abortion	kono tigna lo
absorption	absorptiongo
accomplish	ka féngo ké
according to	a téla
account	mara doula
accumulate	ka kaffou niokhonla
accurate	béndilo
acetylcholine	acetylcholino
acid	acido
acid rain	jinwo acido
acidity	acidito
acne	bala boutongo
acquire	ka soto
acquired characteristics	soto lo caracteristico
acquired immunity	soto lo immunito
acquired immuno deficiency syndrome (AIDS)	acquiri immunodeficienso syndromo (AIDS)
acromegaly	acromegalia
activation energy	energio activationgo
active immunity	immunito actifma
active site	sito actifma
active transport	sambalo actifma
activity	activito
adaptation	dali lo
adaptive	dalilima
adaptive radiation	dalilima radiationgo
adaptive value	dalilima valeuro
addiction	dependanço
additional	kaffoulingma
adenine	adenino
adenosine diphosphate (ADP)	Adenosino diphosphato (ADP)
adenosine monophosphate (AMP)	Adenosino monophosphate (AMP)
adenosine triphosphate (ATP)	Adenosino triphosphate (ATP)
adequate	béngma
adhesion	kaffoundo
adipose tissue	Adiposo tissuyo
adolescence	dindingya
adrenal cortex	adrenalo cortexo
adrenal gland	adrenalo glando
adrenal medulla	adrenalo moello
adrenaline	adrenalino

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
adrenocorticotrophic hormone (ACTH)	adrenocorticotropico hormone (ACTH)
adsorption	adsorptiongo
adult	kéba
advantage	nafa féngo
aerobe	aerobo
aerobic	aerobicma
aerobic respiration	nilakillingo aerobicicma
aerosol	aerosolo
afterbirth	woulouwo kola
agar	agaro
agarose	agaroso
agglutination	kaffouwo
agglutinin	agglutinino
agglutininogen	agglutinogeno
aging	agingo
agricultural	sénéma
agriculture	séno
AIDS (acquired immunodeficiency syndrome)	AIDS (Acquiro immune deficienso syndromo)
ailment	sassa diawo
air pollution	fogno pollutiongo
air sac	fogno sacco
air space	fogno doula
albinism	pounéya
albino	pouné
albumen	albumeno
alcoholic fermentation	alcolo yélémando
algae	algo
algal bloom	fleuro bondo algalma
alimentary canal	balou féngo canal
alkaline	alcalino
all or none response	A bé wala da moutto
allantois	allantoiso
allele (s)	allelo
allergic	Bang féngma
allergic reactions	bang féngma dankoulo
allergy	Bang féngo
alter (ed)	Yélémando
altered gene	Koulo mou yélémangeta
alternation of generation	Kéba ning diding falindo
alveolus	Alvéwolo
ameba	amebawo
amoeboid movement	amoeboido mamangwo
amino acid (s)	amino acido (lu)
amino group	amino groupo
ammonia	ammoniaco
amniocentesis	amniocentesiso
amnion	amniongo

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
amniotic fluid	amniotico fluido
amount	diamaba
amphibian	amphibiango
amylase	amylaso
anabolism	anabolismo
anaerobe	anaerobe
anaerobic	anaerobico
analgesic	analgesico
analogous structure	analogouso structuro
anaphase	anaphaso
anatomy	bala karango
androgen	androgeno
anemia	yélo sassa
angina pectoris	angina pectoriso
animal	da féngo
ant	toumbo
antenna (e)	antenna (e)
anterior	moung folota
anther	anthero
antibiotic (s)	antibiotiko (lu)
antibodies	bala maralalu
antibody	bala marala
anticodon	anticodono
antigen	antigéno
antihistamine	antihistamino
antiseptics	bama doula séniya ndila
antitoxin	antitoxino
anus	juwo
aorta	aorto
aortic arch	aortico archo
aphotic zone	aphotico doula
appearance	yitando
appendage	appendageo
appendicitis	appendicitis
appendix	appendixo
apply	ka ké
appropriate	ka soto
approval	sonno
aquaculture	gnéwo maro
aquarium	aquarium
aquatic	jii ma
arid	dialingo
arrow	flécho
arteriole	arteriolo
artery	artéro
arthritis	arthritiso
artificial selection	artificial killingo

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
asbestos	asbestoso
ascending colon	ascending colono
ascorbic acid	ascorbic acido
asexual	asexualo
asexual reproduction	asexual reproductiongo
asexually	asexuallyo
ash	sissiyó
aspen	aspeno
assembled	kaffulingo
assimilation	soutouyallo
associate	kaffugnokhongo
association neuron	kaffugnokhol neurono
assuming	kilola
assumption	kouma folo
aster	astero
asthma	asthmo
astigmatism	astigmatismo
atherosclerosis	atherosclerosiso
athlete's foot	ballon tang kéla
atmosphere	atmosphero
atmospheric	atmosphericma
atmospheric temperature	atmosphericma temperaturo
atom	atomo
atomic mass	atomiko fango
atomic number	atomiko niméro
ATP (adenosine tri-phosphate)	adenosino tri-phosphato
atria	atriyo
atrium	atriumo
attach	kaffo
attack	ka ké akang
attempt	ésseyollo
auditory canal	toulou canaló
auditory nerve	toulou fassa dioulo
auricle	auriclo
autoclave	autoclavo
automobile	auto
autonomic nervous system	autonomico fassadioulou system
autosome	autosomo
autotroph	autotropho
autotrophic	autotrophikma
autotrophic nutrition	autotrophicma nutritiongo
auxin	auxino
availability	sotollo
available	soto diya
axis	axo
axon	axono

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
B	
bacteria	bacteriyo
bacterial	bacterima
bacterial infections	bacterima infectiongos
bacterial pneumonia	bacterima pneumoniyo
bacteriophage	bacteriophageo
bacterium	bacteriumo
balance	balanso
balanced diet	régimo béto
ball and socket joint	ballongo ning trou bouchéla
bare	yitando
bark	woulou wouro
barnacle	barnacle
basal metabolic rate	basal metabolicma songo
base	follo
base-pairing	follo kaffouwo
bass	basso
beak	béko
bear	ourso
beaver	castoro
beetle	scarabéwo
behavior	magna
behavioral	magna
benedict's solution	benedicto la féro
benthos	djie ma féngol
beriberi	vitamino b sassa
bias	kutol
bicarbonate	bicarbonato
biceps	bala subol
bicuspid valve	bicuspido valvo
bilateral symmetry	bilateral symetriyo
bile	bilo
bile duct	bilo silo
bile pigment	bilo balla couloringo
binary fission	binary péron
binomial nomenclature	binomialo tokhol
biochemical processes	biochemicalo takhagna
biochemistry	biochemistryo
biodegradable	biodegradablo
biodiversity	biodiversityo
biogenesis	biogenesiso
biogeochemical cycle	biochemicalo cyclo
biological catalysis	biologicalo catalysiso
biological control	biologicalo controlo
biological magnification	biologicalo yitando
biology	balu féng karango
biomass	balu féngol dula killing

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
biome	biomo
bioremediation	bioremediationgo
biosphere	balou féngol la doula
biotechnological	biotechnologicalma
biotechnology	biotechnologyo
biotic	biotiko
biotic factor	biotiko facturo
birch	bircho
birth canal	woulou canalo
birth control	woulou kagnando
birth rate	woulou akkol
biuret test	biureto testo
bladder	soumouna boungo
blade	kountoulango
blastula	blastulawo
blending inheritance	kaffou naffoulo
blind spot	féng dougoulingo
blinking	gna férso
block	gna koutoungo
blood	yélo
blood cavity	yélo doula
blood circulation	yélo boro
blood clotting	yélé dia silokang
blood group	yélo sifa
blood plasma	yélo plasmo
blood platelet	yélo plaquettol
blood pressure	yélo préssiyon
blood smear	yélo tokol
blood sugar	yélo sukaro
blood transfusion	yélo diyo
blood vessel	yélo boridoula
boil	djie kando
bond	badingya
bone	bala koulo
bone marrow	koulou youro
booklet	kouwol kitabo
botany	jardinierya
Bowman's capsule	bowman la capsulo
brain	longdo
brain stem	longdo bounda
bread mold	mburo moldo
breathing	nilakilingo
breeding	maralo
briefly	soutouma
broccoli	broccoliyo
bronchitis	bronchito
bronchus	broncho

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
bubble	bullole
bud	butongo
budding	butongo
buffer	tampongo
bulb	diabo
burn	ka diani
C	
cabbage	chupomé
calcium	calciumo
calcium carbonate	calciumo carbonato
calibrate	ka témbo di
calorie	tulo
calorimeter	tulomésuranwo
cancer	cacéro
canopy	canopyo
capacity	témbo
capillary	capillaryo
capillary action	capillaryo mamango
carbohydrate	carbohydrato
carbohydrate (s)	carbohydrato (lu)
carbon	carbono
carbon cycle	carbono cyclo
carbon dioxide	carbono dioxide
carbon fixation	carbono témbéndo
carbon monoxide	carbono monoxido
carbon-containing	carbono féngkol
carboxyl group	carboxylo groupo
carcinogen	carcinogeno
cardiac muscle	duso fasso
cardiovascular disease	dioussou jankaro
carnivore	sugu domola
carnivorous	subou domola
carotene	caroteno
carrier	carriero
carrying capacity	takhama témbo
cartilage	cartilajo
catabolism	catabolismo
catalase	catalaso
catalyst	catalysto
caterpillar	caterpillaro
catfish	niégué diakoumama
cattail	cattailo
caudal fin	fégné nageiro
caudal vertebra	fégné koulo
caudatum	caudaumo
cauliflower	chou-fleuro
cell	tawoung doula

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
cell body	célulo bodyo
cell cycle	célulo cyclo
cell division	célulo diangdiango
cell membrane	célulo ballo
cell plate	celulo plato
cell respiration	célulo nilakilingo
cell specialization	célulo spécialisasyon
cell theory	célulo theoriyo
cell wall	célulo muro
cell-mediated immunity	célulo mediatélin immunitiyo
cellular respiration	céluléro nilakilingo
cellulose	céluloso
Celsius	celsiuso
Celsius scale	celsiuso témbo
centigrade	centigrado
centimeter	centimetro
central nervous system	tématola nervouso systemo
centrifuge	centrifugeo
centriole	centriolo
centromere	centromero
centrosome	centrosomo
cereal group	céréalo grupo
cerebellum	cérébellumo
cerebral cortex	célébralo cortexo
cerebrospinal fluid	cérébrospinalo fluido
cerebrum	cérébrumo
certain	koyya tangma
cervix	cervixo
challenge	challenjo
chemical	chimicalo
chemical bond	témbo chimicalo
chemical equation	equatiyon chimicma
chemical formula	formulo chimicalo
chemical reaction	diabilo chimicalo
chemoautotroph	chemautotropho
chemosynthesis	chemosynthesiso
chemotherapy	chimiyo therapiyo
chemotropism	chemotropismo
chicken pox	variolo
chipmunk	chipmunko
chitin	chitino
chlorine	chlorino
chlorophyll	chlorophyllo
chloroplast	chloroplasto
cholera	cholera
cholesterol	cholesterolo
chordate	chordato

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
chorion	choriono
chromatid	chromatido
chromatin	chromatino
chromatography	chromatographiyo
chromosomal alteration	chromosomal alterationgo
chromosomal recombination's	chromosomal recombinationgo
chromosome	chromosomo
chyme	chymo
cilia	ciliwo
ciliary motion	ciliariyo mamango
circulation	boro
circulate	boro
circulatory	boro
circulatory system	yélé bori system
claim	soto giningkalo
class	classo
classification	classificationgo
classify	ka classifié
clawed	ngoring tiyo
cleavage	clivajo
climate	climanwo
climax community	climaxo communitiyo
climax	climaxo
climax	climaxo
clipping	clippingo
clone	clono
cloning	clonoya
close circulatory systems	closo circulatoriyo systemol
coacervate	coacervato
coal	coalo
coarse adjustment	coarso adjustmengo
coast	coto
coastal ocean	littoralo oceango
coastline	costalo ligno
cocci	cocciyo
coccus	coccusiyoy
cockroach	mbotto
cocoon	cocongo
codominance	codominanço
codon	codongo
coenzyme	coenzymo
coevolution	coevoluto
cohesion	cohesiongo
cohesive force	cohesivo
collect	collecto
collecting duct	takhagna collecto
colloidal dispersion	colloidalo diandiango

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
colon	colono
colony	coloniyo
color blindness	gna sassa culoro
coloration	culoro
combat	kélo
combination	gnamo
commensalism	commensalismo
common	kiling
common ancestor	mamma kiling
common cold	suma kiling
communicable	fota
communication	folo
community	diama
competition	signata
competitive exclusion principle	concurenso exclusiongo principolo
complementary	silata
complete protein	proteino futalingo
complex multicellular	multicellular complexo
complexity	kou koléngo
compost	sakha bouwo
compound	sakha boungo
compound eye	gna dinko
compound light microscope	lumiyéro microscopo
compound microscope	microscopo dula
concentration	hakilo tou
concentration gradient	gradiento concentratio
concept	concepto
conception	concepsiyongo
concerning	a téla
conclusion	labango
condensation	condensatio
conditioned reflex	condisiyon reflexo
conditioning	conditioning
conduct	ka samba
conduction	sambalo
cone	cono
conifer	conifero
coniferous	coniferousma
coniferous forest	woulo coniferousma
conjugation	conjugaisongo
connective tissue	tissuyo conjonctifma
conservation	katia
conservation of environment	woula katia
considered	ato
constipation	kono dia
construct	lolo
consumer	nafalal

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
contain	konola
content	konoto
contour farming	contur séno
contour ploughing	conturo laburo
contraception	wuluwo muto boro
contractile vacuole	vacuolo contractilo
contribute	ka kaffu
control	controlo
controlled experiment	experienso jibélingo
controlled variable	variablo jibélingo
convergent evolution	yélé mango takha doula killing
convert	ka yéléma
convulsion	bala mouto
coordinating system	systemo kaffo
coordination	hakili kaffo
coral	coralo
coral reef	coralo réfo
coronary circulation	coronairo takhagna
coronary artery	coronairo dioulo
corpus luteum	corpuso luteumo
cortex	cortexo
cortisone	cortisono
cotyledon	cotyledongo
covalent bond	covalento kaffo
cover	mouralango
cover crop	séné féngo
coverslip	coverslipo
Cowper's gland	cowpér la glando
Cranial nerve	koung fassa dioulo
crayfish	langousto
crescent	santo ta
cretinism	nalloumaya
cricket	cricketo
crisp	gnimili diya
crop	séné féngo
crop rotation	séné féng mamando
crop breeding	sénéféng maro
crop fertilization	sénéféng yélémo
crop pollination	sénéféng pollinisationgo
crossing-over	tambindilo
crustacean	crustacéma
cryptic coloration	couleuro énigmaticma
cultivated plant	yiri sénélingo
culture	séno
currently	sagni
cuticle	cuticulo
cutting	cunto

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
cycling	vélo boro
cyclonic	cyclonalo
cysteine	cysteino
cytokinesis	cytokinesiso
cytolysis	cytolysiso
cyton	cytono
cytoplasm	cytoplasmio
cytoplasmic division	diadiango cytoplasmiko
cytosine	cytosino
cytoskeleton	cytoskeletono
D	
damage	tignalo
dangerous	katibalo
dark reaction	katibalo diabilo
Darwinism	darwinismo
data	féngol
daughter cell	ding musso célula
deamination	deaminationgo
decay	ka toli
deciduous	deciduouso
deciduous tree	yiri fitama
decomposer (s)	khé toil (lu)
decomposition	tolita
decrease	ka boye
defecation	buuké
defective	katibalo
defective gene	geno katibalo
deficiency disease	foutabalo sassa
defoliation	fita boylo
deforestation	yiri counto
degeneration	tignalingo
dehydration	djie balo
dehydration synthesis	djie balo synthesiso
dehydrogenase	déshydrogenaso
deletion	bondilo
demand	gninikallo
demographic transition	demographiko transiyon
demography	demographiyo
denaturation	yélémando
dendrite	dendrito
denitrification	denitrificationgo
denitrifying bacteria	denitrifiyélin bactériyo
density-dependent limiting factor	densité dependenwo limité factoro
density-independent limiting factor	densité independenwo limité factoro
deoxyribonucleic acid (DNA)	deoxyribonucleik acido
deoxyribose	deoxyriboso
dependent variable	dependenwo variablo

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
deplete	ka tala
depletion	talalo
depressant	lokho boling
dermis	dermiso
desalination	khokho bondo
desert	dula jaling
desertification	dula jaling
desirable	soto diya
destroy	ka tigna
destruction	tignalo
detect	ka djié
detection	djiélo
determine	ka fo
detoxication	detoxicationgo
detrimental	tignala
detritus	bala nokho
development	yélémando
deviation	gorilo
dextrose	dextroso
diabetes	sukara diangaro
diagram	diagramo
dialysis	soumouna boungo diaro
diaphragm	diaphragmo
diarrhea	kono boro
diastole	sonkounng waro
diastolic pressure	sonkounng diangaro
diatom	djie féngo
dichotomous	dichotomousma
dichotomous key	tiabo dichotomousma
died off	kanalo
diet	régimo
differ	mouloungballo
differences	mouloungbaliyal
differentiation	mouloungbaliya
diffusion	tambidilo
digest	ka domolo si
digestion	domolo siya
digestive enzyme	enzymo digestivo
digestive juices	juyo digestivo
digestive system	sistémo digestivo
dihybrid	dihibrido
dihybrid cross	dihibridro crosso
dilation of blood vessel	yélo fasso waro
dimorphism	dimorphismo
dinosaur	dinosoro
dioxide	dioxido
dipeptide	dipeptido

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
diphtheria	diphtériyo
diploid	diploido
direct harvesting	balouwo bondo
direction	directiongo
directly	directma
disaccharide	disaccharido
disadvantage	désavantageo
disaster	massibo
discs	disco
disease	sassa
disjunction	dijunctiongo
dislocation	diandialo
dispersal	diadiango
disposal	dispotiongo
dispose	ka boula
disrupt	ka batandi
dissecting microscope	microscopo diandia lila
dissection	diandialo
dissolve	ka yémandi
diuretic	soumouna kaffo
diurnal	prétro la follo
diversity	jama
divide	talalo
(DNA) deoxyribonucleic acid	(dna) deoxyribonucleik acido
DNA fingerprinting	dna bulu tampongo
DNA polymerase	dna polymeraso tampongo
dominance	nolo
dominant	nolila
dominant gene	geno nolila
dominant species	speço nolila
dominant trait	nolila yito
dormancy	dormanciyo
dorsal	koma
double fertilization	yélémando foulama
double helix	helixo foulama
Down's syndrome	down la syndrome
drainage	dialo
drilling	témbédilo
drone	drono
drosophila	drosophilo
drug	drogo
drug abuse	drogta tambidima
drug dependence	drog tala
drug overdose	drog ta tambilingo
duckweed	lenticulo
ductless gland	ductlessi glando
dump	gnakhamo doula

Living Environment Glossary - High School Level

ENGLISH	MANDINKA
duodenum	duedonumo
dwarfism	dwarfismo
dynamic	dinamiko
dynamic equilibrium	kagnango dinamiko
dysentery	disenteriyo
E	
eagle	aiglo
ear	tilo
ear canal	tilu canalo
eardrum	timpanwo
earthworm	tilo tumbo
echinoderm	djié daféngo
ecological	yirima ning daféngma
ecological niche (s)	yirima ning daféngma richo
ecological pyramid	yirima ning daféngma pyramido
ecological succession	yirima ning daféngma boula gnokhongo
ecologically	yirima ning daféngma
ecology	yiro ning daféng karango
economically	maralingma
ecosystem	daféngol bé
ecosystem diversity	daféngol bé talalo
ectoderm	ectodermo
edema	ademo
effective	kéla
effectiveness	kélo
effector	kélila
egg	kilo
ejection	bondo
elbow joint	bulu joki dula
electrocardiogram (EGG) or (EKG)	electrocardiagramo (EGG) wala (EKG)
electron	electrongo
electron microscope	electrongo microscopo
electronic balance	electronico balanso
electrophoresis	electrophoresiso
element	elemanwo
elephantiasis	bala sassa
eliminate	ka bondi
elongation region	elongationgo dula
elongation zone	elongationgo dula
embolism	embolismo
embolus	emboluso
embryo	embryongo
embryo sac	embryongo sacco
embryology	embryongo karango
embryonic	embryongma
embryonic membrane	embryoniko membrano
emigration	tamo

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ENGLISH	MANDINKA
emit	ka yitandi
emphysema	emphysemo
emulsification	emulsificationgo
enable	soto diya
enamel	emayo
end product	produyo bango
endangered species	daféngo tigna silokang
endemic	dougou killing sassa
endocrine gland(s)	endocrino glando
endocrine system	endocrino systemo
endocrinology	endocrinologiyó
endocytosis	endocytosiso
endoderm	endodermo
endoparasite	endoparasito
endoplasmic	endoplasmico
endoskeleton	endoskeletongo
endosperm	endospermo
endosperm nucleus	endospermo cellulo
energy flow	energiyo bondo
energy pyramid	energiyo piramido
engineering	mechanicienya
engulf	ka kounoung
enlist	ka fang doundi
enrich	ka nafoulo nguining
environment	dula
environmental	dulama
environmental impact statement	dula impacto follo
enzyme(s)	enzymo
enzyme-substrate complex	enzyme substrato koliya
epicotyl	epicotylo
epidemic	diana sassa
epidermis	epidermo
epididymis	epididymo
epiglottis	epiglotta
epinephrine (adrenaline)	epinephrino
epithelium	epithéliumo
equatorial plane	djie aviongo
equatorial plate	djie planto
equilibrium	témbéngo
era	dula
erect posture	magna tilindingo
erosion	banku katibalo
error	fililo
Escherichia coli (e. coli)	escherichia coliyó (e.coliwo)
esophagus	esuphaguso
essential amino acid	essentialo amino acido
estrogen	estrogeno

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ENGLISH	MANDINKA
estuary	estuairo
ethyl alcohol	ethilo alcolo
euglena	eugleno
eukaryote	eukaryoto
eukaryotic cell	célulo eukaryotma
Eustachian tube	Tubo eustachianma
evaporate	Ka yémang
evaporation	yémanlo
evidence	temoignageo
evolution	yélémo
evolutionary	yélémgama
evolve	ka ta gna
examination	ka dioubé
except	tambi kola
excess	tambilingo
excessive	tambilingma
excretion	excretiongo
excretory	excreteurla
exercise	mamango
exhalation	exhalaisongo
exhale	ka nilakiling
exhaust	ka ségué
exhibit	ka yita
exist(s)	kélingo
exocrine gland	exocrino glando
exon	exono
exoskeleton	exoskeletongo
experiment	experienço
expiration	fogno bondo
explanation	londilo
explosive	téma
exponential growth	kébaya tariyalingo
expose(d)	yitalingo
expressed	folingo
expression	folo
extensor	extenseuro
extent	témbo
external	bantala
external fertilization	bantala yélémando
external respiration	bantala nilakilingo
extinct	ka yémandi
extinction	yémando
extinction of fauna	daféng yémando
extracellular digestion	extracellularo digestiongo
extract	ka bondi
eye	gna
eyepiece (ocular)	gn kuto (oculéro)

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ENGLISH	MANDINKA
F	
facilitated diffusion	diya bondo
Fahrenheit scale	Fahrenheito scalo
fallopian tube (oviduct)	fallopiano tubo (oviducto)
fallout	songo
family	badingol
fangs	fangso
farsightedness	farsightednesso
fat	kinwo
fatal	katibalo
fatigue	bata
fatty acid	kin acido
feather	cissé tiyo
feces	buwo
feedback	saguilo
feedback mechanism	saguili mecanismo
female gamete	moussou woulouféngo
female reproductive system	moussou woulouféng systemo
femur	sing koulo
fermentation	yélémando
fern	fougéro
fertilization	yélémando
fertilizer(s)	Yélémandila (lu)
fetal	fetalo
fetal alcohol syndrome	alcolo syndromo fetalo
fetus	fetuso
fever	bala kando
fewer	tala
fiber	fibro
fibrin	fibrino
fibrinogen	fibrinogeno
fibrous root system	fibrous follo doula system
field	woulo
field of microscope	microscopo doula
filament	filamango
filter out	ka sénéyandi
filtered	sénéyandingo
filtrate	ka sénéyandi
filtration	sénéyandilo
fin	najoiro
finches	fincho
fine adjustment	témbédilo domondima
fingerprinting	boulou tampongo
finite	banlingo
firm	firno
first filial generation	follo generationgo filialo
first-level consumer	nivo folo nafala

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ENGLISH	MANDINKA
fission	pring
flagella	flagello
flagellum	flagellumo
flatworm	soukono toumbo
flea	toumbou yélémina
flexor	fléchisseurla
flipper of whale	baleino la nageoiro
florescence	fleuro bondo
flow	bonno
flow of energy	energiyo bonno
flower	fleuro
fluid	jii lama
fluke	fluko
fluoridation	fluoridationgo
fluoride	fluorido
folic acid	folick acido
follicle	folliculo
follicle stimulating hormone (FSH)	Folliculo stimulanwo hormone (FSH)
food allergen	balu allergeno
food chain	balou chéno
food poisoning	balu poisonwo
food pyramid	balu piramido
food vacuole	balou vacuolo
food web	balou webo
forceps	forcepso
forest conservation	wula maro
form	formo
formation	dadali gna
formula	formulo
fossil	daféng tuto béro kang
fossil fuel	carburango touto
fossil record	enregistremanwo
four o'clock flower	nanidiango heuro fleuro
fracture	kato
fragment	morsso
fraternal twin	fouladingo
freeze drying	néné jalo
frequently	dalo
freshwater	jii suma
fructose	fructoso
fruit	fruyo
fruit fly	fruyo gnakho
fumes	sisiyó
fungi	fungiyo
fungus	champignongo
fur	tiwo

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ENGLISH	MANDINKA
G	
galactose	galactoso
galactosemia	galactosemiya
gall bladder	vésiculo biliairo
gallon	gallongo
gallstone	gallkuro
gamete	gaméto
gametogenesis	gamétogenesiso
gamma globulin	gammo globulo
ganglion	ganglionwo
gas exchange	gasso falingo
gaseous exchange	gasoma falingo
gasoline	essensoo
gastric	gastriko
gastric juice	juyo gastricma
gastro vascular cavity	gastro vasculairo doula
gastrula	gastrulo
gastrulation	gastrulationgo
gel electrophoresis	gelo electrophoresisma
gene	gèno
gene expression	gèno expressiongo
gene frequency	gèno frequenço
gene linkage	gèno kilingo
gene mutation	gèno yélémo
gene	gèno
gene(s)	gèno(lu)
generalization	warando
genetic	gènetiko
genetic counseling	hakili diyo gèneticma
genetic disease	gèno sassa
genetic diversity	géno sifa
genetic engineering	gèno takho
genetic marker	gèno marqueuro
genetic recombination	géno kaffo
genetic variation	géno yélémo
genetically	généticma
genetics	génos
genome	gènomo
genotype	gènotypo
genus	genro
geographic isolation	geographic isolationgo
geologic time scale	geographic heuro témbo
geotropism	geotropismo
germ theory of disease	germo teoriyo sassa
German measles	rubéolo
germination	fiféng bondo
gestation period	gestationgo tumo

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ENGLISH	MANDINKA
GH (growth hormone)	GH (yirwa hormone)
gigantism	waramamba
gibberellin	gibberellino
gill	lamello
gizzard	gésiero
gland	glando
global warming	kando doulabé
glomerulus	glomeruloso
glucagon	glucagono
glucose	glucoso
glycerol	glycerolo
glycine	glycino
glycogen	glycogeno
glycolysis	glycolyso
gaiter	guetro
Golgi body (apparatus)	Golgi bodiyo
gonad	gonado
gonadotropin	gonadotropino
gonorrhea	blennorragiyo
gorilla	goriyo
gout	goutto sassa
gradualism	gradualismo
graduated cylinder	graduated cilindro
grafting	greffageo
gram	gramo
grana	grano
graph	grapho
grasshopper	kangourouwo
grassland	gnama doula
gray matter	féng griyo
green algae	alguo vertma
green revolution	revolutiongo vertma
greenhouse effect	souwo vertma bondo
greenhouse gas	souwo vertma gazo
grid	griyo
growth	waro
guanine	guanino
guard cell(s)	cellulo gardo
gullet	oesophageo
gymnosperm	gymnospermo
gypsy moth	gypsi daa
H	
habit	dalo
habitat	sigui dula
habitat fragmentation	sigui dula tala
hair follicle	countigno folliculo
half-life	balouwo témo

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ENGLISH	MANDINKA
haploid (monoploid)	haploido (monoploido)
Hardy Weinberg law	Hardy Weinberg silo
harm	ka barma
harmful	barmala
harmless	béto
harvesting	séno
hatching	éclosiongo
Haversian canal	Haversian canalo
hay	daféng gnamo
hay fever	daféng gnamo kando
heart	diousso
heart attack	dioussou sassa
heart transplant	dioussou diyo
heart-lung machine	dioussou machino
heart beat cycle	dioussou boro cyclo
helix	helixo
hemoglobin	hemoglobulo
hemolysis	hemeolysiso
hemophilia	hemophiliyo
heparin	héparino
hepatic artery	hepatiko artéro
hepatic portal circulation	hepatiko bounda takhagna
herb	gnamo
herbivore(s)	gnama domola
hereditary	woulouta
heredity	woulouta
hermaphrodite	hermaphrodito
heterotroph	heterotropho
heterotroph hypothesis	heterotropho hypothesiso
heterotrophic	heterotrophicma
heterotrophic nutrition	balouwo heterotrophicma
heterotrophs	heterotropho
heterozygous	heterozygma
heterozygous genotype	heterozygma genotypo
hibernation	hibernationgo
high blood pressure	yélo diama bondo
high energy bond	energiyo diama
hindbrain	komato youro
hip joint	hancho diokidoula
histamine	histamino
histidine	histidino
histology	histologiyó
histone	histono
homeostasis	homeostasiso
homeowner	souwo tiyo
hominid	hominido
homo sapiens	homosapienso

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ENGLISH	MANDINKA
homologous chromosome	homologoso s chromosomo
homologous structure	homologoso structuro
homozygous	homozygousma
homozygous genotype	homozygous genotipo
hoofed animal	daféng ngoringma
hookworm	jégué mutaranwo
hormone	hormono
host	lutango
hot	kandi
hot water bath	jii kandi kulo
huge	waraman baa
hull	ka diandia
humerus	humeruso
humidity	sinango
hummingbird	kouno siyo
humoral immunity	humoralo kendo
humus	humusso
hunting	daféng muto
hybrid	hibrido
hybrid vigor	hibrido vigueuro
hybridization	hibridisasiyon
hydra	hidro
hydrocarbon	hidrocarbano
hydrochloric acid	hidrochloriko acido
hydrogen acceptor	hidrogéno sona
hydrolysis	hidrolisiso
hydroponics	hidroponiko
hydrotropism	hidrotropismo
hyper parasitism	hiper parasitismo
hypertension	hipertensio
hyperthyroidism	hiperthyroidismo
hypertonic solution	hipertoniko solutiongo
hypocotyl	hipocotylo
hypo secretion	hiposecretiongo
hypothalamus	hipotalamuso
hypothesis	hipotesiso
hypothyroidism	hipothyroidismo
hypotonic solution	hipotonicko solutiongo
I	
ibuprofen	ibuprofeno
ICF (intercellular fluid)	ICF (intercellular fluido)
identical	moulouringo
identical twin	fulaningo moulouringo
identity	identité
ileum	ileumo
illustrate	ka fo
immigration	tamo

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ENGLISH	MANDINKA
immune	immuno
immune response	immuno jabo
immune system	immuno sistémo
immunity	immuniti
inorganic	inorganiko
immunization	immunizasiyon
impact	impacto
implantation	implantasiyon
import	ka nati
importation	natilo
imprint	emprinto
impulse	impulsiongo
in vitro fertilization	in vitro fertilizationgo
inappropriate	ké balo
inborn immunity	woulouta immunito
inbreeding	maro
incidence	incidango
incisors	incisive
include	kaffoulingo
incomplete dominance	maro touto
incomplete protein	proteino tuto
increase	sélo
incubation period	incubationgo periodo
independent (manipulated) variable	independenwo (manipulo) variablo
independent assortment	independenwo assortimango
index fossil	indexo tuto
indicate	ka yita
indicator	indicateuro
individual	kiling kilingo
industrial hazard	industriel hazaro
industrial melanism	industriel melanismo
industrialization	industrialisationgo
infantile paralysis	dinding paralyso
infection	infectiongo
infectious	infectma
infer	ka témbé
inference	deductiongo
inferior vena cava	douma veno cavo
infinite	banlibalo
inflammation	barmalo
Inflammatory response	Diano diabo
influence	hakili gnakhamo
ingestion	ingestiongo
inhibition center	refoulemeng centro
inhalation	nila kilingo
inherit	ana wulu ta
inheritance	kha ta wulo la

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ENGLISH	MANDINKA
innate behavior	woulouwo magna
inorganic compound	inorganiko bungo
insect	tumbo
insecticide(s)	tumbu fakhala (lu)
insectivorous plant	gnama tumbu domola
insert	ka dundi
Inspect	Ka jubé
inspiration	inspirasiyon
instinct	instinwo
insulin	insulino
interaction	interactiongo
interbreed(ing)	diama maro
Intercellular fluid	Intercéluléro fluido
interference	interferenço
interferon	interférongo
internal development	konoto developmenwo
internal fertilization	konoto yélémando
internally	konota
interneuron	interneurono
interphase	interphaso
interspecific competition	interspecific signata
intestinal juice	kono juyo
intestine	kono féngo
intracellular digestion	intraceléro digessiyon
introduce	ka londi
intron	introno
invasion	boyo
invasive species	invasive speço
inversion	inversiyon
invertebrate	ko koulou balo
investigation	ngininglo
involuntary muscle	involuntary soubo
involve(ing)	ka daboulato
iodine	iodino
ion	iono
ionic bond	ioniko silo
iron	négo
irradiation	irradiasiyon
irritability	kanfala
islet of Langerhans	langerhand la doula
isolated	killing toulingo
isotonic solution	isotoniko solutiongo
isotope	isotopo
J	
jellyfish	jéllijégo
joint	béng doula
juvenile hormone	dindi hormono

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ENGLISH	MANDINKA
K	
karyotype	karyotiyopo
karyotyping	karyotiyopo
kelp forest	kelpowo woulo
keratin	keratino
kernels	amando
kidney	reingo
kinetic energy	kinetiko energiyo
kingdom(s)	fama saté
Klinefelter's syndrome	Klinefeltero la syndromo
knee joint	singo kafoudoula
knee-jerk reflex	kneewo jerko reflexo
knowledge	londo
L	
labor	baro
laboratory	laboratoiro
labyrinth	labyrintho
lack	déso
lactase	lactaso
lacteal	nonoma
lactic acid	nono acido
lactose	lactoso
ladybug	coccinello
lake	djie doula
Lamarckism	Lamarckismo
lamella	lamello
lancet	lancetto
landfill	landfillo
large intestine	kono féng warmamba
larva	toumbou dingol
larynx	larynxo
latitude	latitude
law of dominance	sémbo silo
law of independent assortment	independento silo assortimango
law of segregation	segregatiyongo silo
law of use and disuse	ké ning kébalo silo
laxative	kono bori boro
layering	marcottageo
loop of Henle	henlo la bouclo
leaf sheath	fito
leaflet	foliolo
leaks	solo
learning	karango
least	moung doyata
legume	legumo
leguminous plant	legumo yiro

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ENGLISH	MANDINKA
lens	lentillo
leopard	leoparo
leucine	leucino
leukemia	yélo diangaro
leukocyte	leucocyto
lichen(s)	licheno
life cycle	balo cyclo
lifespan	balouwo témbo
ligament	koulou diokilal
light microscope	microscopo lumiero
light-dependent reaction	lumiero dependento diabilo
lily	lis yiro
limestone	calcairo
limit	dango
limiting factor(s)	dango facteuro
limiting nutrient	nutrimang danlo
litmus paper	tournesolo kayito
linked gene	banding geno
lipase	toulouma diadiangla
lipid	toulouma
lipid bilayer	toulouma
lithosphere	banko diadoula
liver	mou baloulingo
livestock	sakhol bal ni nissol
lizard	kana
lobster	djie féngo
lock	ka takhoung
lockjaw	tétanosso
locomotion	sambala
log	bucho
logging	yiri kounto
logistic growth	logistiko takho
longitudinal muscle	musclo diango
louse	larang toumbo
lubricating oil	négué toulo
luminescent	lumiérema
lung	poumonwo
Luteinizing hormone (LH)	Luteinizingo hormone(LH)
lymph	lympho
lymph gland	lympho glando
lymph node	lympho sito
lymph vessel	lympho fasso
lymphatic system	lymphatiko systemo
lymphocyte	lymphocyto
lysosome	lysosomo

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ENGLISH	MANDINKA
M	
macroevolution	macroevolussiyongo
macromolecule	macromoleculo
maggot	siyo dindingo
magnification	tambilingo
maintaining	moutalo
malaria	paluyo
malathion	malassiyongo
malfunction	katibalo
malignant	sassa katibalo
malnutrition	balou katibalo
maltase	maltaso
maltose	maltoso
mammal(s)	daféng soundiou dila
mammary gland	soundiou glando
manage	ka tambindi
manageable	ké féngo
mane	toisongo
manipulated (independent) variable	manipulingo (independento) variablo
manufacturing	dadalo
marine	djie mol
marine biome	djie mol biomo
marrow	koulou youro
marsupial	marsupialma
mass	diama
mass extinction	diama yémando
mass number	diama numero
mate	ka kaffou
material	materielo
maternal immunity	na immunito
melting	ka djie ya
measles	rubéolo
measurement	mesuro
mechanism	mechanismo
medulla oblongata	youro
meiosis	méioso
melanin	melanino
melanocyte cell	melanocyto cellulo
melt(ing)	ka djie ya
membrane	membrano
Mendelism	mendélismo
meninges	koung youro
meningitis	méningito
meniscus	véro
menopause	woulou bango
menstrual cycle	yélé bondo cyclo
menstruation	yélé bondo

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ENGLISH	MANDINKA
mention	hakili boulando
mesentery	mésentèro
mesoderm	mesodermo
mesophyll	mesophyllo
mesophyte	mesophyto
messenger RNA (mRNA)	thie ya foutandila (mRNA)
metabolic	yélémo
metabolic waste	yélémo tignalo
metabolism	yélémo
metal	négo
metamorphic rock	metamorphiko kouro
metaphase	metaphaso
metastasis	metastaso
method	kégna
methylene blue	methyleno bleuma
metric ruler	soumang roulo
metric system	metro systemo
microbe(s)	microbo
microclimate	climango domondima
micro dissection	diandiango domondima
microfilament	filamengo domondima
micrometer	metro domondima
micronucleus	noyo domondima
microorganism	organismo domondima
microscope	microscopo
microscopic	microscopiko
microtubule	tubo domondima
midbrain	mésencéphalo
migration	tamo
milk	nono
milk tooth	gning woutoulingo
milligram	milligramo
milliliter	millilitro
millimeter	millimetro
mimicry	boulanomo
mineral	mino
mitochondria	mitochondriyo
mitochondrion	mitochondriyongo
mitosis	mitoso
mitotic cell division	mitotiko cellulo diandiango
mixture	gnamo
model	modelo
modification	yélémo
molar	molairo
mold	moldo
molecular	moleculairo
molecular formula	moleculairo formulo

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ENGLISH	MANDINKA
molecule(s)	moleculo
Mollusca	Mollusco
mollusk	mollusquo
Monera	Monero
monocotyledon	monocotylédongo
monocycle	monocyclo
monohybrid cross	monohybrido crosso
monomer	monomero
monoploid	monoploido
monosaccharide	monosaccharido
monoxide	monoxido
morphine	morphino
morphology	kégna
mortality	salo
morula	morulo
mosaic	mosayiko
mosquito	soussoula
moss(es)	moussou
moth	toumbou tila
motile	motilo
motility	motilitiyo
motor nerve	moteuro dioulo
motor neuron	moteuro neurono
movement	mamando
mucous membrane	muqueuso membrano
mucus	mucosito
multicellular	multicellularo
multiple allele(s)	allelo diama
multiple birth	woulou diama
multiple-gene inheritance	diama geno boulo
multiple	diamaba
multiply	ka siyandi
mumps	oreillongos
muscle	balo
muscle contraction	bala mouto
muscle fatigue	bala bata
muscular	balama
muscular system	bala systemo
mushroom	champignongo
mussel	moulo
mutagen	mutagèno
mutagenic agent	mutageniko féngo
mutant	mutango
mutate(d)	ka yéléma
mutation	yélémo
mutualism	niokhon démalo
mycelia	myceliyo

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ENGLISH	MANDINKA
mycelium	myceliumo
myelin sheath	myelino
myofibril	myofibrilo
myopia	gna diyabalo
N	
narcotic drug	drogo
nasal cavity	noung konola
natural immunity	woulouwo immunito
natural selection	woulouwo tobondilo
naturally	kendo
nature and nurture controversy	woulo ning balouwo
nearby	dala
nearsightedness	dala
nectar	fruyo djiyo
negative feedback	diabily katibalo
negative	katibalo
nematode	nematodo
nephron	nephrono
nerve	fassa dioulo
nerve cell (neuron)	fassa dioulou cellulo (neurono)
nerve cord	fassa dioulo
nerve fiber	fassa dioulo fibro
nerve impulse	fassa dioulo takho
nerve net	fassa dioulo
nervous system	fassa dioulo systemo
neural plate	neuralo plancho
neurohormone (neurotransmitter)	neurohormono (neurotransmetteuro)
neuromuscular junction	neuromusculairo kaffou doula
neuron	neurono
neurotransmitter	neurotransmetteuro
neutral	neutrongo
neutralization	moutalo
neutron	neutrono
niche(s)	daféng louwo (lu)
nicotine	nicotino
night blindness	dibo
nitrification	balouwo
nitrifying bacteria	balou bacteriyo
nitrogen cycle	azoto cyclo
nitrogen fixation	azoto témbo
nitrogen-fixing bacteria	azoto témbo bacteriyo
nitrogenous	azotma
nitrogenous waste	azoto katibalo
nocturnal	soutota
node	nodo
nodule	nodulo
noise pollution	noung pollutiongo

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ENGLISH	MANDINKA
non-communicable	fobalo
nondisjunction	disjuncsiyongo balo
no placental mammal	placentairo mammairo balo
nonrenewable resources	koutayabalo ressourço
nonvascular plant	vasculairo balo yiro
noradrenaline	noradrenalino
nostril	noung konola
notochord	notochordo
nourish	ka baloundi
nuclear fuel	nucléairo djiyo
nuclear membrane (envelope)	nucléairo membrano (envelope)
nuclei	noyo
nucleic acids	nucléairo acido
nucleoli	nucleolo
nucleolus	nucleolo
nucleotide	nucleotido
nurture	balouwo
numerous	numeroma
nutrient(s)	nutriyéno
nutrition	balouwo
nutritional	balouwo
nymph	nympho
O	
objective	objectivo
observation	korossilo
observe	ka korossi
obtain	ka sotto
occasionally	kiling kiling kéwo
occur	ka ké
octopus	octopuso
ocular	gna boungo
official	karou sara barala
offset	ka foutandi
offspring	dingol
olfaction	olfacsiyongo
olfactory bulb	olfacsiyongo bulbo
olfactory cell	olfacsiyongo cellulo
omnivore	féng bé domola
oncogene	oncogeno
one gene-one polypeptide hypothesis	killing geneono polypeptido hypotheso
ontogeny	ontogenyèso
oocyst	oocysto
oocyte	ovocyto
oogenesis	oogenèso
open circulatory system	circulairo systemo yélélingo
operon	operono
opinion	miro

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ENGLISH	MANDINKA
opium	drogo
opossum	opossumo
opportunity	keno
optic nerve	gna fassa dioulo
optical microscope	gna microscopo
optimum	santo
order	ka fo
organ	organo
organ system	organo systemo
organelle(s)	organello(lu)
organic	organiko
organic acid	acido organiko
organic compound	boungo organiko
organism	organismo
osmosis	omosiso
osmotic potential	osmotiko potentiello
osmotic pressure	osmotiko sémbó
ossification	ossificassiyongo
osteoarthritis	osteoarthritiso
osteoblast	osteoblasto
osteocyte	osteocyto
osteology	osteologiyo
osteoporosis	osteoporoso
outbreeding	maralo
ova	killo
ovaries	ovario
ovary	ovairo
overall	bé
overfishing	gné mouto tambilingo
overgraze	overgrazo
overproduction	surproducsiyongo
oviduct	oviducto
oviparity	oviparito
oviparous	oviparo
ovulation	konota toumo
ovule	ovulo
ovum	killo
oxidation	négo fingo
oxygen consumption	fogno mouto
oxygen cycle	fono cyclo
oxygen-carbon dioxide cycle	oxygeno carbono dioxido cyclo
oxyhemoglobin	oxyhemoglobino
oyster	huitro
ozone	ozono
ozone layer	ozono coucho
ozone shield	ozono coucho

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ENGLISH	MANDINKA
P	
pacemaker	dioussou maséla
paired	foula féngo
Paleozoic	paleozoiquo
palisade mesophyll	mesophyllo palissado
pancreas	pancreas
pancreatic duct	pancreatiko takhalo
pancreatic juice	pancreatiko djiyo
paramecium	parameciyoumo
parasite	parasito
parasitic relationship	parasitiko relassiyongo
parasitism	parasito
parasympathetic nervous system (PNS)	parasympathetiko nervouso systemo (PNS)
parathyroid hormone	parathyroido hormono
parent cell	wouloula cellulou
parent generation	wouloula generassiyongo
parental care	wouloula topoto
parietal lobe	parietalo lobo
parrot	kouno
Parthenogenesis	Parthenogenèso
partial	parsiyélo
particular	mo killing ta
passive immunity	immunito tambima
passive transport	sambo tambima
pasteurization	pasteurisassiyongo
patella	patello
pathogen(s)	pathogeno
pathogenic	pathogeniko
peat	tourbo
pedigree	pedigréyo
pedigree chart	pedigréyo charto
peer review	païro dioubélo
pellagra	pellagro
pelvis	bassino
penicillin	penicillino
penis	foto
pepsin	pepsino
peptic ulcer	digestivo ulcéro
peptidase	peptidaso
peptide bond	peptido sito
percentage	akko
perennial	méta
perform	ka kaffoundi
pericardium	péricardo
period	toumo
peripheral nervous system	peripheralo nervouso systemo
peristalsis	peritalsiso

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ENGLISH	MANDINKA
permafrost	permafrosto
permeable	mano
permit	ka song
perspiration	noung fogno bondo
pest	toumbou katibalo
pesticide(s)	toumbou fakhala
petal	pétalo
petri dish	domolo tolilingo
petrification	tolo
pH indicator	pH indicateuro
pH scale	pH akko
phagocyte	Phagocyto
phagocytosis	Phagocytoso
pharynx	Pharynxo
phase contrast microscope	Phaso contrasto microscopo
phenol	phénolo
phenotype	phénotypo
phenylalanine	phenylelanino
phenylketonuria(PKU)	phenylketonuriyo (PKU)
pheromone	pheromone
phloem	libero
phosphate	phosphate
phospholipid	phospholipido
phosphorus	phosphoro
phosphorylation	phosphorylassiyongo
photic zone	photiko zono
photolysis	photolyso
photon	photongo
photosynthesis	photosyntheso
phototropism	phototropismo
phylum	phylumo
physical	physicalo
physiology	physiologiyo
physiotherapy	physiotherapiyo
phytoplankton	phytoplanktongo
pigment	pigmango
pill	pilulo
pimple	boutongo
pineal	pinéalmo
pineal body	bala pinéalmo
pinocytosis	pinocytoso
pioneer	pionniéwo
pioneer species	pionniéwo spéço
pistil	fleuro moussouya
pituitary dwarfism	nanismo pituitairmo
pituitary gland	hypophyso
placenta	woulou gnakho

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ENGLISH	MANDINKA
placental mammal	woulou mammairo
placental membranes	woulou membrano
plague	guina sassa
plankton	planktongo
plant	planto
plasma	plasmo
plasma membrane	plasmo membrano
plasmid	platro
plasmolysis	plasmolyso
plastid	plastido
platelet	plaquette
Platyhelminthes	Platyhelmintheso
pleura	plèvro
pleural cavity	plévro boungo
plexus	plexuso
pneumonia	pneumoniyo
poaching	daféng yémata falo
point mutation	yéléma doula
poisonous	toxiko
polar zone	polairo zono
pole	polo
polio	poliyo
pollen grain	polleno dingo
pollen tube	polleno tubo
pollination	pollinassiyongo
pollutant	sisila
pollution	pollussiyongo
polygenic	polygeniko
polygenic traits	polygeniko silo
polymer	polymero
polymerase chain reaction(PCR)	polymeraso chaino diabilo (PCR)
polymorphism	formo diama tala
polyp	polypo
polypeptide	polypeptido
polyploidy	polyploidiyo
polysaccharide	polysaccharido
pond	souwo mara doula
population	diama
population density	diama akko
population genetics	diama sifa
positive feedback	diabily béto
posterior	komala
potential	potentiélo
pouched mammal	poucho mammairo
precipitation	sanjiwo
predation	mouto balouwo
predator	proie moutala

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ENGLISH	MANDINKA
predator-prey relationship	proie moutala gnamo
predatory	moutala
predict	ka fo
prediction	folo
pregnancy	konota
premature birth	woulouwo sibalo
prepare	ka katandi
present-day	bi
preserve	ka mara
prevent	ka sobindi
prevention	sobindilo
prey	proivo
primarily	folo
primary consumer	folo tala
primary productivity	folo producsiyongo
primary root	folo racino
primary succession	folo boula gnokhongo
primate	daféng ngoringo
probability	miro
procedure	takho
process	takhagna
producer	dadala
product	dada féngo
progesterone	progesterono
prohibit	ka bali
prokaryote	prokaryoto
promoter	promoteuro
property	taféngo
prophase	prophaso
proportion	takhagna
proposal	projévo
prostaglandin	prostaglando
prostate gland	prostato glando
protease	proteaso
protect	ka mara
protein	proteino
prothrombin	prothrombino
proton	protongo
protoplasm	protoplasmó
protozoan	protozoano
provide(d)	ka di
pseudopod	pseudopodo
psychosis	psychoso
ptyalin	ptyliano
puberty	kébaya doungo
pulmonary artery	artéro pulmonairo
pulmonary circulation	pulmonairo takhgna

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ENGLISH	MANDINKA
pulmonary vein	pulmonairo fassa dioulo
pulp	pulpo
pulse	dioussou dongo
punctuated equilibrium	punctuato témbéngo
pupa	pupo
pupil	karangna
pure	béto
pure dominant	sémbé tiyo
pure recessive	pure récessifo
purine	purino
purple	couleuro violéma
pus	puso
pyloric sphincter	pyloriko sphinctero
pyramid	pyramido
pyramid of biomass	biomass pyramido
pyramid of energy	energiyo pyramido
pyrimidine	pyrimidino
pyruvic acid	pyruviko acido
Q	
qualitative	bétéma
quality	béto
quantitative	siyamamba
quarantine	dianfalo
quinine	palu boro
quotation	citassiyongo
R	
radial symmetry	radialo symmetriyo
radiant energy	radianto energiyo
radiation	radiassiyongo
radiation	radiassiyongo
radicle	radicello
radioactive	radioactivo
radioactive dating	radioactivo sango
radioactive element	radioactivo kouwo
radio-carbon method	radiowo carbono methodo
radiotherapy	radiotherapiyo
radius	rayongo
ragweed	ambroisiyo
random	tambima
rapidly	tariya
reabsorption	réabsorpssiyongo
reactant	diabila
reaction rate	diabily akko
recently	sagni
receptacle	receptaclo
receptor	recepteuro

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ENGLISH	MANDINKA
receptor molecule(s)	recepteuro moleculo
recessive	saguilo
recessive gene	récesivo gèno
recombinant DNA	DNA dadala
recombination	dadalo
recombination gamete	gamètò dadalo
record	kouma mouto
recover	diaralo
rectum	rectumo
recycle	recyclo
recycling	kaffoulo
red blood cell	yélo wouléringo cellulo
red corpuscle (red blood cell)	globule wouléringo (yélo wouléringo cellulo)
reduced	talalingo
reduction	tala
reduction division (meiosis)	diandian tala
reflex	refléxo
reflex arc	réflexo arco
reflex center	réflexo centro
reforestation	yiri fiyo
refractory period	mbang toumo
refute	dadalo
regeneration	dadalo
regular	moung ka ké
regulated	témbédingo
regulation	témbéndilo
related	folingo
relationship	ba ndiya
relative dating	ba nding sango
release	ka boula
reliable	sitima
rely on	djigo
remain	ka tou
remote	dianfalingo
renal artery	renalo artéro
renal circulation	renalo takhagna
renal portal vein	renalo fassa bounda
renal vein	renalo fasso
renewable	koutama
renewable resource(s)	koutama ressource(lu)
rennin	rennino
replicate	ka diabi
replication	diabilo
represent	ka foutandi
reproduce	ka baloundi
reproduction	baloundilo
reproductive isolation	woulou dianfalo

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ENGLISH	MANDINKA
reptile	douma féngo
require	ka gniningka
research plan	nguinili plango
researcher	nguinila
resemble	ka mouloung
residue	rédiwo
resistance	bango
resource(s)	resourço
resources management	resourço gestio
respiration	nilakilingo
respiratory chain	nilakiling chaino
respiratory surface	nilakiling doula
respiratory tract	nilakiling espaço
response	ka diabi
resting potential	potentiélo dougoulingo
resting stage (interphase)	phaso dougoulingo
restriction enzyme	tala enzyme
result	diabo
reticulum	reticulumo
retina	rétino
retrovirus	retrovirusso
Rh negative blood	Rh Negativo yélo
Rh positive blood	Rh Positivo yélo
Rhesus factor (Rh factor)	Rhesuso facteuro(Rh facteuro)
rheumatic fever	rhumatismo kando
rheumatoid arthritis	rhumatoido arthrito
rhizoid	rhizoido
rhizome	rhizomo
rib	karada koulo
rib cage	karada
riboflavin	riboflavino
ribonucleic acid (RNA)	Ribonucleiko acido (RNA)
ribose	Riboso
ribosomal RNA	Ribosomal RNA
ribosome(s)	Ribosome(lu)
rickets	Rachitismo
ringing	Donkilo
ringworm	Karanko
rip	Faro
ripped	Faralingo
risk	Ka fang yitandi
RNA polymerase	Polymeraso
roach	mboto
Rocky mountain spotted fever	Kourou montagno kando
rodent	guino
root	Folodoula
root hair	Koutingno folodoula

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ENGLISH	MANDINKA
root module	folodoula modulo
root pressure	folodoula sémbó
rotation of crops	séné falingo
roughage	domolo féngo
roundworm	kono toumbo
routine	moung ka ké
rubella	firifiro
rudimentary organ	rudimentairo organo
ruminant	sakhol
runner	borila
S	
Sabin vaccine	Sabino vaccinngo
saccharide	saccharido
saccharin	lima
salamander	bassa gna diakho
saline	khokhoma
salinity	khokhoya
saliva	dadjiyo
salivary amylase	dadjiyo amylasso
salivary gland	dadjiyo glando
Salk vaccine	salko vaccinngo
salmon	saumongo
salmonella	salmonello
salt marsh	khokho marécageo
salt water	khokho djiyo
sample	echantiyongo
sand	banko
sandy soil	banko mounkouma
sanitary	sénéyalingo
sap	yiri djiyo
saprophyte	saprophyto
saturated fats	toulou koulingo
scale	témbo
scallop	coquiyo
scarcity	yémango
scavenger	foss singna
schizophrenia	guinali sassa
Schwann's cell	Schwanno la celluló
science	miro
scientific method	miraya
scientific theory	mira folo
scientist	miralal
scion	dingol
sclera	gna koyo
sclereid	sclereyido
sclerosis	scléroso
scorpion	bountalo

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ENGLISH	MANDINKA
scrotum	scrotumo
scurvy	vitamino sasa
sea anemone	herbaço
sea cucumber	concombro
sea urchin	oursingo
seal	phoquo
sebaceous gland	sébacéwo
sebum	sébumo
second filial generation	foulandiango filialo generassiyongo
secondary consumer	foulandiango consommateuro
secondary mycelium	foulandiango mycéliumo
secondary sexual characteristics	foulandiango sexuelo caracteristiko
secondary succession	foulandiango boulagnoxhongo
secretin	secretino
secretion	secessiyongo
sedimentary strata	sedimentairo coucho
seed	toutou féngo
seed dispersal	toutou féngo diandiango
seep out	ka tondi
segment	segmango
segregation	segregassiyongo
selection	tombondilo
selective breeding	maralo tombondilo
selective permeability	mana tombondilo
selective permeable membrane	mana membrano tombondilo
self-fertilization	nfang yélémando
self-pollination	nfang fleuro bondo
semen	ké djiyo
semicircular canal	semicirculairo canalo
semicircular valve	semicirculairo valvo
seminal vesicle	seminalo vésculo
seminiferous tubule	sèminiféro tubo
semipermeable membrane	semipermeablo membrano
sensitivity	sensibilitéwo
sensitization	londilo
sensor	detecteuro
sensory area	niokholi doula
sensory nerve fiber	fassa dioulo sensoriélo
sensory neuron	sensoriélo neurono
sensory receptor	sensoriélo recepteuro
separate	ka diandian
septum	cloisongo
sequence(s)	sequenço
series	seriyo
serum	boro
served as	dilo
sessile	sessilo

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ENGLISH	MANDINKA
setup	féngo organisassiyongo
sewage	vidangeo
sex cell	sexo cellulo
sex chromosome	sexo chromosome
sex hormone	sexo hormono
sex organ	sexo organo
sex-linkage inheritance	sexo linkageo heritageo
sex-linked gene	sexe linko geno
sex-linked trait	sex linkeo traiwo
sexual	sexuelo
sexual generation	sexuelo generationgo
sexual maturity	sexuelo fouto
sexual reproduction	sexuelo reproductiongo
sexually transmitted diseases	sexuelo sassa
shark	requinngo
shore	tondro
shortsightedness	soutouma doula
shoulder joint	koumbalingo
shrub(s)	yiri ndingo
Siamese twin	siamoiso foulaningo
sibling(s)	foutou dingo
sickle cell	faucilo cellulo
sickle cell anemia	faucilo cellulo anemiyo
side effect	coté effetwo
significance	significassiyongo
simple microscope	microscopo simplo
simple reflex action	reflexo acsiyongo simplo
simple sugar (monosaccharide)	Sukara simplo
single circulation	Circulassiyongo kilingo
single-gene trait	killing geno traitwo
Sino-atrial node (S-A node)	Sino atrialo nodo(S-A nodo)
sinus	sinusso
siphon	siphongo
site	sito
skeletal muscle	koulou soubo
skeletal system	koulou systemo
skeleton	koulo
sketch	sketcho
skin	bala soubo
skull	koung koulou
sleeping sickness	sinokho sassa
slide	namaya
sludge	poto poto
small intestine	intestino ndingo
smallpox	variolo
smog	rosé
smooth muscle	bala makhamango

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ENGLISH	MANDINKA
sneezing reflex	ticholi reflexo
soak	ka gnikindi
soda	sodawo
sodium	sodiumo
sodium bicarbonate	sodiumo bicarbonato
sodium chloride	sodiumo chlorido
sodium ion	sodiumo iyongo
soil	banko
soil conservation	bankou maro
soil depletion	bankou séguéngo
soil erosion	bankou tigno
solar energy	tilo energiyo
solid bone	koulou babandingo
solute	soluto
solution	féro
solvent	dissolvango
somatic	somatiquo
somatic cell	somatiquo cellulo
somatic nervous system	somatiquo nervouso systemo
soot	suyéwo
sort	sifa
source	sourço
specialized	speciliasassiyongo
speciation	especiassiyongo
species	ecpèço
species diversity	espèço sifa
specific	espècema
specificity	espècificito
specimen	specimeno
spectacular	dabari bang féngo
spectrum	spectrumo
sperm	ké djiyo
sperm duct	ké djie bo doula
sperm nuclei	ké djie nucléyo
spermatid	spermatido
spermatocyte	spermacyto
spermatogenesis	spermatogéneso
spermatophyte	spermatophyto
sphincter	sphinctero
spike	pointo
spill	ka boyndi
spinal column	spinalo colonno
spinal cord	spinalo dioulo
spinal nerve	spinalo fasso
spindle	koung brocho
spindle fiber	brocho fibro
spleen	timina kouwa

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ENGLISH	MANDINKA
splice	ka diya ndi
splits	féto
sponge	épongeo
sponge bone	épongeo doko
spongy layer	épongeo coucho
spongy mesophyll	épongeon mesophyllo
spongy tissue	épongeo tissuyo
spontaneous generation theory	spontanéwo générationgo théoriyo
spontaneous mutation	spontanéwo mutationgo
sporangium	sporangeo
spore	sporo
spore reproduction	sporo woulouwo
sporophyte generation	sporophyte generationgo
sporulation	sporulationgo
spot	doula
sprain	koubo
spray	ka diandia
sputum	da djiyo
square	équerro
squid	calmaro
stability	ténkoungo
stable	ténkougma
stain	no
staining	nondi
stalk	fégno
stamen	étamino
staminate flower	staminato fleuro
staphylococcus	staphylocoquo
starch	amidongo
starfish	gné loloma
statement	bilango
steady state	tékougma
stem	fégno
stereomicroscope	stéréomicroscopo
stereoscope	stéréoscopo
sterile	wouloubalo
sterility	wouloubaliyo
sterilization	wouloubaliya
sterilizing	wouloubalingo
sternum	sternumo
steroid	stéroïdo
stethoscope	stéthoscopo
stigma	stigmato
stimulate	boulou kosso
stimuli	mésséndo
stimulus	mésséndo
stinging cell	ngagnalo

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ENGLISH	MANDINKA
stock	maradoula
stolon	stolono
stomach	kono
stomata (stoma)	stomata
stops	lo doula
storage	maradoula
storage tissue	maradoula tissuyo
strains	tiling dilo
strand	djie doula
stream	djie boyo doula
streptococcus	strévotocoquo
streptomycin	stréptomycino
striated muscle	striato musclo
strip	fano bo
strip cropping	fano boya
stroma	stromawo
structural formula	structurélo formulo
structure	dada gna
style	stylo
subsoil	banko koto
subspecies	espéço koto
substance	substanço
substrate	substrato
succession	boula gnokhongo
sucker	pistongo
sucrase	sucraso
sucrose	sucroso
suction pressure	succiyongo
sulfa drug	sulfa drogo
sulfur	sulfuro
sulfur dioxide	sulfuro dioxido
superior vena cava	santo fassa boungo
surface tension	santo tensiongo
surgery	bala faro
surrogate parent	karafa wouloula
surround	dala
survival	balouwo
survival of the fittest	tariya balouwo
survive(d)	balouma
suspension	lorindilo
sustainable use	méringo
suture	madimo karalo
swamp	marrécageo
sweet gland	glando makhama
swim-bladder	soumouna boungo
symbiosis	symbioso
symbiotic	symbiotiko

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ENGLISH	MANDINKA
sympathetic	balafala
sympathetic nervous system	balafala nervous systemo
symptom	symptomo
synapse	synapso
synthesis	synthésó
synthesize	ka kaffou
synthetic circulation	synthetiko circulassiyongo
systole	systolo
systolic pressure	systoliko sémbó
T	
tadpole	tadpolo
taiga	taigawo
tail fin	té mésséngo
tanker	kélé mobilo
tap root	follo féngo
tapeworm	toumbo
tar	goudrongo
taste bud	papillo
taxonomy	taxonomiyo
Tay-Sachs disease	Tayo sachso sassa
technique	féro
technology	technologiyó
telophase	télophaso
temperate deciduous forest	woula soumouyalingo
temperate zone	doula soumouyalingo
temperate inversion	tango yélémo
template	patrongo
tend to	ki tiling
tendon	tendongo
tentacle	tentaculo
terminal bud	papiyo bodoula
termite	banko toumbo
terrace	terrasso
terrestrial	dounouyala
terrestrial biome	banko biomo
territory	banko
test cross	boro testo
testis	kokilo
testosterone	testosterono
tetanus	tétanosso
tetrad	tetrado
tetraploid	tetraploido
thalassemia	thalassemiyo
theory	follo
theory of use and disuse	ké ni kébaló follo
therapy	diaralo
thermal pollution	thermaló pollussiyongo

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ENGLISH	MANDINKA
thicker	bosqueto
third-level consumer	sabandian nivo tala
thoracic duct	karada oula
thorax	karada
threshold	dango
thrombin	thrombono
thromboplastin	thromboplastino
thrombosis	thromboso
thrombus	thrombo
thymine	thymino
thymus gland	thymuso glando
thyroid gland	thyroido glando
thyroid-stimulating hormone (TSH)	thyroido stimulating hormone (TSH)
thyroxine	thyroxino
tibia	sing koulo
tissue culture	tissuyo maro
tissue fluid	tissuo djiyo
tissue(s)	tisuyo
tobacco	taba
ton	tono
tongue rolling	néng mamango
tonsil	amygdalo
tonsillitis	angino
tooth decay	gning boyo
tooth root	gning bodoula
toothpick	gésso
topsoil	topsoyilo
toxic	katibalo
toxin(s)	toxino
trace element	féng silo
trachea	trachééwo
tracheophyte	trachéophyto
trade-off	firilo
traffic	dougo takhagna
trait(s)	féngo
transcription	safélo
transduction	transducsiyongo
transfer	ka tambindi
transfer RNA (t RNA)	Transfero RNA (t RNA)
transformation	Yélémo
transfusion	Yélo diyo
transgenic	Transgéno
translation	traducsiyongo
transmission	Foutandilo
transmit	Ka foutandi
transpiration	Taro
transpiration pull	Tara bondo

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ENGLISH	MANDINKA
transplant	kaffoulo
transport system	boriféng systemo
transverse colon	transversalo colono
transverse section	transversalo secsiyongo
trauma	traumawo
treatment	diaralo
treat	ka diara
trend	bé kéling
trial	tombondilo
triceps	tricepso
trilobite	trilobito
translocation	translocassiyongo
triple-beam balance	rayongo sabo balanço
triplet code	tripleto codo
triploid	triploido
trophic level	trophiko nivo
tropical rain forest	tropiko woula sama
tropical zone	tropiko doula
tropism	tropismo
trypsin	trypsino
tuber	tuberculo
tuberculosis	toto sassa
tubing	tubageo
tubule	tubo
tumor	tumeuro
tundra	toundra
turbidity	turbiditéwo
turgid	founoulingo
turgor pressure	turgoro sémbó
Turner's syndrome	turnero la syndromo
typhoid	thyphoido
U	
ulcer	ulcéro
ulna	ulno
ultracentrifuge	ultracentrifugeo
ultrafiltration	ultrafiltrationgo
ultrasound	making ba
ultraviolet light	ultraviolévo lumiéro
umbilical cord	ombilicalo dioulo
umbilicus	bata koungo
undergo	ka long
unicellular	unicéllulairo
universal recipient	féng bé mirango
unsaturated fats	toulouma
uracil	uracilo
uranium	uraniumo

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ENGLISH	MANDINKA
urban desert	saté ba boro
urbanization	sate baya
urea	uréwo
urease	ureaso
ureter	uretèro
urethra	urètro
uric acid	uriko acido
urinary bladder	vésiyo
urinary system	soumouna systémo
urine	soumouna
uterine lining	utérino phato
uterus	utéruso
utilize	ka nafa
V	
vacant	tolé
vaccinated	vaccinélingo
vaccination	vaccinassiyongo
vaccine	ka vacciné
vacuole(s)	vacuolo
vagina	moussouya
valid	valablo
valine	valino
valuable	lafita
valve	valvo
vane	dapango
variability	yélémo
variable	variablo
variable factor	yélémo facteuro
variation	yélémo
variegated leaf	fita boulou sifa
variety	sifal
various	sifa
vas deferens	vas odéférenso
vascular bundle	vasculairo dioulo
vascular cylinder	vasculairo cylindro
vascular plant	vasculairo planto
vascular ray	vasculairo rayongo
vascular system	vasculairo systémo
vascular tissue	vasculairo tissuyo
vasoconstriction	vasoconstricsiyongo
vasodilation	vasodilatassiyongo
vasopressin	vasopressiyongo
vector	vecteuro
vegetation	woulo
vegetative propagation	woulo waro
vein	veino
vena cava	veino boungo

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ENGLISH	MANDINKA
venereal disease	veino sassa
venous flow	véino sémbó
ventral	konoma
ventral blood vessel	kono yélo dioulo
ventral nerve cord	kono dioulo
ventral root	kono folodoula
ventricle	ventriculo
venule	veinulo
Venus flytrap	vénuso flytrapo
vertebra(e)	koulouma daféngo
vertebral column	ko koulo
vertebrate(s)	koulouma
vesicle	vésiculo
vessel	yélo doula
vestigial	folo féngo
vestiges	tol
vestigial	folo féngo
vigorously	sémbola
villi	villiwo
villus	villositéwo
viral disease	viraló sassa
virus	virusso
viscera	viscèro
visceral muscle	viscèro musclo
visible spectrum	spectrumo diéta
vital	béto
vital capacity	balou sémbó
vitamin	vitamino
viviparous	viviparo
vocal cords	kouma dioulol
volume	akko
voluntary action	fang ké kouwo
voluntary behavior	fang ké mamango
voluntary muscle	fang ké démalo
volunteer	fang ké kouwo
W	
waiting	batoulo
walnut	coco
warm-blooded	yélo kandimango
warning coloration	couleuro balo
waste	tignalo
water potential	djie potentiélo
water vascular system	djie vasculairo systemo
water-cycle	djie cyclo
wavelength	djie woulo témbo
wax layer	emulsiyongo waro
weasel	beletto
weather	tango

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ENGLISH	MANDINKA
weathering	tango
web	wébo
weed killer	gnama falla
wetland	doula dialingo
wet-mount slide	montagno dialing djilo
whale	baléno
wheat	bléwo
white blood cell	yélo koyo celluloso
white corpuscle	globulo
white matter	tano
whole blood	yélo bé
whooping cough	coquelucho
wildlife conservation	woulo balouwo maro
wilt	ka dia
wind break	fogno lowo
wind erosion	fogno tignalo
wind pollination	fogno pollinisassiyongo
windpipe	trachévo artèro
wingspan	ndapatango
within	a kono
womb	utéruso
woody fiber	fibro tiliningo
woody stem	fégno tiliningo
woolly mammoth	mammoutho tima
worker bee	li késo barala
worm	toumbo
X	
xanthophyll	xanthophyllo
xanthoproteic test	Xanthoprotéyiko testo
X-chromosome	X cromosomo
xylem	xylémo
Y	
Y-chromosome	Y cromosomo
yeast	levuro
yeast fermentation	levuro yélémo
yolk	kilo jauno
yolk sac	kilo jauno fato
Z	
zonation	zonassiyongo
zooplankton	zooplanctongo
zygote	zygote