

Glossary

Elementary School Level Science Glossary

English / Wolof

Translation of Science Terms Based on the
Coursework for Science Grades 3 to 5.



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.

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THE STATE EDUCATION DEPARTMENT / THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY, NY 12234

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SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
A	
absorb	Ngac
acceleration	gaawal
acid rain	Tawu asiit
adapt	Mengal
adaptation	Mengalal
adjust	Asuste
air	ngelew
air pressure	Dolle ngelew
air resistance	Dolle ngelew
alto	alto
amount	Liim
amphibian	anfibi
analyze	Jangat
anemometer	anemomeetar
animal	mala
apply	Jëfe
around	lu toll ci
arrange	Rense
artery	arter
arthropod	artoropod
asteroid	asteroyid
atmosphere	atmosfeer
atom	atoom
axis	aks
B	
balance	tollo
balanced forces	doole yu tolo
bar graph	nataalu baar
barometer	baromeetar
battery	batari
behavior	doxaliine
beneficial	Lu am bonofiis
best	bi gën
bird	picc
blink	tàkk-tàkk
block	donj
blood tissue	morso deret
blood vessel	wesoo deret
body heat	bopp
bone	yàx
bone tissue	morso yàx

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
brain	xel
breathe	nooyi
bronchi	boroosi
buoyant force	doole buy feey
C	
calculator	Liimu kay
camera	nataalukaay
camouflage	nëbb
capillary	kapiyeer
carnivore	lekk katu yàpp
caterpillar	katarpilaar
cause-and-effect	Li waral ak li muy jur
cell	Seliil
cell membrane	mambaraanu seliil
cell wall	miiru seliil
Celsius (C°)	Selsis (C°)
centimeter (cm)	santimeeter (cm)
central nervous system	sistem santaralu sidit yi
change	soppi
change of direction	coppitey yoon
change of motion	coppitey yëngu-yëngu
change of speed	coppitey gaawaay
characteristic	Mandarga
chemical	simiik
chemical change	coppitey simiik
chemical property	propriyete simiik
chemical weathering	anamu jàwwu bu simiik
chlorophyll	kolorofil
chloroplast	koloroplast
choose	tann
cinder cone volcano	wolkaa bu am konu silendar
circuit	jaar-jaar
circulatory system	Sisteemu sirkilaason
cirro-	sirko-
cirrus cloud	niiru sirkus
classification	toftale
classify	toftale
claws	wewu mala
climate	kilimaa
cloud	xiine
collect	dajale
color	Kuloor

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
column	koloon
comet	kornet
common	bokk
community	askan
compare	naat
compass	busol
competition	rawante
composite volcano	wolkaa bu jaxasoo
compost pile	Donj compost
compound	Compose
compound microscope	mikoroskop bu compose
computer	ordinatëër
conclusion	Jexantal
condensation	Donj
condition	condiison
conduction	Jallale
conductivity	Jallale
conductors	jaalekaay
conservation	waxtaan
consumer	jëfandikukat
contain	def
container	defukaay
content	këmb
convection	koweksiyon
crest	kret
crust	kurut
crystal	kiritaal
cubic centimeter	sàntimeeter kib
cycle	Dem dikk
cytoplasm	sitopalasm
D	
dam	baaras
data	Doné
data table	taabalu doné
decomposer	Taas
decrease	wanji
define	firi
definite	leer
density	doole
deposition	teg
derived	jogge
describe	xamle

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
design	Modeel
development	yokkute
diagram	jagaraam
die	Dee
difference	wuutale
digestive system	Sisteemu diseson
direction	yoon
directly	jub
discuss	waxtaan
disperse	taasaroo
distance	Gudday
distribute	seddale
draw	rëdd
E	
earth	suuf
earthquake	suuf su yëngu
earthworm	sàx
eat	lekk
echo	aawu
ecosystem	ekosisteem
effect	limuy jur
efficient	Ifikaas
egg	nen
electric	Kuran
electric current	Fiilu kuran
electrical energy	kuraŋ enersi
electromagnet	kuraŋ aasiyee
electromagnetism	xee <u>tu</u> kuraŋ aasiyee
electron	elektro
elements	mbir
elevation	kawewaay
eliminate	iliminé
emit	Sandi
energy	enersi
energy resources	Resursu enersi
environment	Bërëp
equal	tolloo
erosion	Suuf bu gnak li koy dunndal
error	njuumte
eruption	jolli
esophagus	osofaas
establish	tëral

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
estimate	Xayma
estimation	Xayma
evaluate	natt
evaporate	naaw
evaporation	naaw
evidence	përëw
example	misaal
exercise	Esersiis
exoskeleton	yàx
experiment	Ispiriyaas
explain	leeral
external	biti
eyes	Ay bët
F	
fact	jëf
factor	faktër
Fahrenheit (°F)	Fahrenheit (°F)
fault	Defoo
feather	dunq
feature	man-man
features	man-man yi
fins	laaf yi
fish	jën
fixed pulley	wowalukaay buñu sës
float	feey
flood	taa-taa ndox
flowers	Foloor yi
food chain	Seenu dunndu
food web	webu dundu
force	doole
form	Melokaane
former	defarkat
formula	formiil
fossil	fosil
fossil fuel	esans fosil
frequency	faral
friction	forote
fruit	furuwin
fulcrum	piwo
function	fonkson
fur	ndunq

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
G	
galaxy	galaksi
gas	gaas
generation	Seraason
generator	senerator
germinate	jur
germination	Njur
glacier	jaakatu/defarkatu galaas
graduated cylinder	silendar buñu marké
gram (g)	garaam
graph	Binnd
graphic	Tabulo
gravity	garawaay
greatest	gën a mag
green plant	garab gu wert
ground	suuf
groundwater	ndoxu-suuf
grow	saxal
growth	màggaay
H	
habitat	dëkkway
hail	nuuyu
hair	kawar
hand lens	lup
hardness	dëgëraay
harmful	metti
health	wergu-yaram
healthy habit	tàmm set
hearth	fuur
hearth muscle	yàxu fuur
heat	tàngoor
heat energy	enersi tàngoor
herbivore	lekk katu ñàx
hibernation	Boof
host	Gann
human	nitt
humidity	tooyaay
hurricane	irikeen
hygrometer	igoromeetar
Hypothesis	ipotees

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
I	
identify	ràññee
identical	Niroo
igneous rock	donj bu iñe
illuminate	leeral
illustrate	misaalal
inclined plane	sëfël naaw-naaw bu dëng
increase	Yoxu
Independent variable	Wariyaabul bu indepandan
indicate	wone
inference	eferaans
information	xibaar
inherit	donn
inherited adaption	mengal buñu donn
inherited trait	karakter buñu donn
inquiry	gëstu
insect	gunoor
insulator	ki dëkke ci duun bi
interact	Lonkoo
internal	biir
interpret	firi
interval	digante
invertebrate	Gnak koloon wertebaraal
investigate	gëstu
J	
jaw	ñaam
jellyfish	pul-pul
joint	artikilasiyoŋ
journal	surnaal
K	
kilogram (kg)	kiligaraam (kg)
kiloliter (kl)	kiloliitar (kl)
kilometer (km)	kilomeeter (km)
kinetic energy	enersi sinetik
kingdom	nguur
kitten	kuti
knowledge	xàm-xam

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
L	
label	labeel
land	suuf
landslide	suuf su tarxiis
large intestine	nbaq bu mag
larva	nen
latitude	Gudday
lava	Safara wolkan
leaf	xób
learned	Ku jàng
learned adaptation	mengalay ku jàng
least	mujj
leaves	ay xób
leg	tànk
length	guddaay
levee	pàx
lever	manet
life cycle	dem dikk dunnd
life span	yaakarug dunnd
light	Leer
lighting	leeral
line graph	binnd rëdd
lines of force	doole rëdd yi
liquid	Likitt
list	List
liter (L)	Liitar (L)
live	dëkk, jonjoo
living	dunnd
living thing	mbiru ndund
location	Luwaas
lunar eclipse	Weer bi gnu japp
lungs	pumo
luster	tàkk
M	
magma	magma
magnet	aasiye
magnetic field	bërëp aasiye
magnetic force	dooley aasiye
magnetism	jàppaayu asiye
magnifier	reyal
maintain	teye
major	Masoor

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
mammal	mala buy nàmpal
mass	puwa
mates	ay àndandoo
matter	porobeleem
measure	nàtt
mechanical	mekanik
mechanical energy	enersi mekanik
metamorphic rock	donj buy soppeeku
metamorphosis	soppite
meter (m)	meeter (m)
meter stick	bantu-nàttukaay meeter
method	Pexe
metric ruler	reegalù meeter
microscope	mikoroskop
migration	tukki
milligram (mg)	miligaraam (mg)
millimeter (mm)	milimeeter (mm)
mineral	miniraal
mitochondria	mbàx
mixture	njaxas
models	modeel yi
moisture	tooyaay
molecule	molekil
mollusk	molisk
motion	yëngu-yëngu
motor	motorb
mouth	gemiñ
movable pulley	puusukaay buy yengu
muscle tissue	Tisi bu ndaw
muscular system	sistemu miskiil
N	
nail	wey
natural events	xew-xew yu natrel
negative	Weddi
nervous system	sistemu nerwo
neuron	Sidit bopp
niche	taag
nimbus	nimb
nonliving thing	mbir mu nekkul di dunnd
nonrenewable	lu ñu dul mën a yeesalaat
nonrenewable energy resource	resursu enersi buñu mënul yeesalaat
nose	bàkkan

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
nucleus	xoox
number	Nonbur
nutrient	xeeetu lekk
O	
object	yëf
objective lens	xoolukaay (lëngër)
observable	luñu mën a jangat
observation	Jangat
observe	Jangat
obtained	amm
occur	Xew
odor	Xett
offspring	njaboot
omnivore	lekk kat lëp
opinion	xalaat
orbit	Pax
order	komande
organ	orgaan
organ system	siteemu organ
organism	organiismu
organize	Organiise
original	Wéré
ovary	oweer
overabundance	jeggi dayo
ozone	oson
P	
parallel circuit	yoona bu paralel
parasite	Parasiit
path	yoona
pattern	royuwaay
percent, percentage	Pursan r,pursantaas r
period	diir
permanent magnet	aasiye buy sax
phases	Ay pacc
phenomena	Ay fenomeen
photosynthesis	fotosentees
physical	fisiik
physical change	soppitey fisiik
physical environment	bërëp fisiik
physical property	propriete fisiik
physical weathering	anam nekkiinu fisiik
pie graph	Binnd pi

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
pistil	meññeent toortoor yu jigeen
pitch	guddaay
planet	Suuf
plant	garab
polar	poleer
pollen	poleen
pollinate	polinise
pollution	tilimël
position	Posiison
positive	baax
potential energy	enersi bu am doole
precipitation	tàw
predator	luy dunde ay mala ay dee
predict	seentu
prediction	seentu
presence	teewaay
previous	Li Jiitu
prey	rëbb
primary	njëlbéen
probable	Porobaabl
procedure	doxaliine
process	doxaliine
produce	defar
producer	defarkat
properties	Amm yi
protect	samm
proton	proton
provide	joxe
pull	xëcc
pulley	puusukaay
pupa	melentaan
puppies	Xaj yu ndaw yi yi
push	puusé
R	
rabbit	ñomboor
radiation	dàq
rain	tàw
rearrange	Defaraat
reason	Li waral
receive	jott
record	wàttu, denc
rectum	rektëm

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
recycle	Defaraat
reduce	wàñji
refer	Sukondiko
reflect	Sanndi
refract	fel
relationship	Lonkolo
relative humidity	tooyaay bu yemamaay
relevant	am solo
remain the same	nekk menn mi
renewable	buñu mën a yeesalaat
renewable energy resource	Resursu enersi buñu mën a yeesalaat
repair	defar
repel	pusaat
represent	reperesant
reproduce	defaraat
reproduction	defaraat
reptile	Mala buy raam
required	sàkku
respiratory system	sistemu nooyikaay
respond	Yëngu
response	Yëngu yëngu
responsible	kilifa
result	Resiilta
rest	noppalu
reuse	jëfandikoowaat
revolution	soppi
revolve	delloo
riding a bicycle	dawal welo
rock	donj
rock cycle	Dem dikk donj
role	njariij
root	reen
rotate	wër
rotation	Wëray
rubbing	forote
ruler (metric)	Reegalu meeter
runoff	jeggi

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
S	
saliva	tufliit
salivate	tufli
scale	eseel
scientific inquiry	laajug siyantifiik
scientific investigation	gëstug siyaatifiik
scientific thinking	xalaatug siyaatifiik
screw	wiis
seasonal	buy am ci ay pàcc
seasonally	cig pàcc
seasons	ay pàcc
secondary	ɲaareel
sediment	Sidima
sedimentary rock	Donju sidimateer
seed	jiwwu
seedling	pepiñeer
select	tànn
senses	yëgg-yëgg yi
sense organ	organu yëgg-yëgg yi
sequences	paccyi
series circuit	Yoonu seeri
sewage	foos
shadows	Ay tàkkander
shape	melokaan
shells	xór
shelter	làqkaay
shield volcano	Laqkay wolkaa
shiver	lox
significant	am limuy tekki
similarity	niroo
simple machine	masiin bu simpal
sink	Suuq
situation	Sitiyaason
size	Poyentiir
skeletal muscle	Miskiil eskelet
skeletal system	sistemu eskelet
skin	der
sky	asamaan
sleet	nees bu seey
small intestine	Mbaq yu ndàw
smooth muscle	Miskiil bu nooyi
snow	nees

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
soil	suuf
soil texture	Binndiinu suuf
solar cell	portabal buy dox ci naaj
solar system	Sisteem soleer
solid	dëgër
solidification	dëgëral
solubility	seeyal
solute	seeey
solution	saafara
sound	Soon
sound recorder	dencukaay soon
source	Sursu
space	Espaas
species	espes
specific	xejjiku
speed	Witees
spine	yàxu jën
spinal cord	moyel epiñeer
sponge	sifons
spore	Kriptogaam
spring scale	Eseelu rësoor
sprout	sàx
stages	ay jéego
stamen	etamin
stalks	ay xar-xar
star	biddeew
state	anam
static charge	sars bu neggandiku
static electricity	kurañ bu neggandiku
stem	xar-xar
stigma	rus
stimulus	yëngëlukaay
stomach	biir
storms	oraas yi
stopwatch	montar
strategy	Pexe
strato	strato
stratus cloud	niir bu suufe
streak	mees
structural adaptation	Bindiinu mengalay
structure	Binndiine
subsoil	Biir suuf
substance	sibstaas

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
summarize	tënk
sun	naaj
sunny	naaje
support	Teeye
surface	sirfaas
survive, survival	dund gu tàr
surviving	fexe dund
sweat	ŋaq
switch	fay
system	sisteem
T	
tadpole	soccàntal
tape measure	nàttug rajo
teeth	ay bëŋ
temperate	dàll
temperature	Tanperatiir
temporary magnet	aasiye bu diir
theory	tewori
thermometer	termomeeter
thrive	jéem, fexe
thunderstorm	Dënn
tissue	tisii
tongue	làmiŋ
tool	jumtukaay
topsoil	suuf bu gënn
tornado	tornat
trachea	Yoon
trait	rëdd-rëdd
transfer	Yonnee
transport	dem ak dikk
trial	Atte
tropical	toropikaal
troposphere	torotosfeer
trough	ci biir
trunks	ronu-garam
turbine	tirbin
type	saanr
U	
unbalanced forces	doole yu tollo wul
unequal	ñàkka tolloo
under	ci suuf
universe	Iniweer

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	WOLOF
V	
vacuole	Vakiyool
variable	wariyaabul
vegetable	Wesetaabul
vein	wen
vertebrate	wertebere
visible	luñu mën a gis
volcano	wolkaa
voltmeter	woltameeter
volume	woliim
W	
waste	mbaliit
water	ndox
water cycle	Dem dikk ndox
water vapor	wapooru ndox
wavelength	guddaayu wagg
weather	Kilima
weathering	soppite kilima
wedge	kal
week	ayu-bis
weight	puwa
wheel and axle	pono ak sànti
width	yaatuwaay
wind	ngélaw
wind vane	xoolukaayu ngélaw
wings	laaf yi