



HIGH SCHOOL SCIENCE GLOSSARY

For use on the Maine Science Assessment

English / Lingala

This bilingual word-to-word glossary without definitions is a PERMITTED DESIGNATED SUPPORT for multilingual learners (MLs) participating in the MAINE SCIENCE ASSESSMENT.

This glossary, or a similar bilingual word-to-word glossary without definitions, should also be used for INSTRUCTION during the school year. An electronic bilingual word-to-word glossary can be used during instruction.

The glossary may be downloaded, printed, and disseminated to educators, parents, and students.

For more information on accessibility features for the Maine Science Assessment, including universal tools, designated supports, and accommodations, please see the Accessibility Guide, located on the Maine Science Support Page (<https://mescience.zendesk.com/>).

Last edit: January 2025

ENGLISH	LINGALA
A	
Abiotic	euti te na bikelamu ya bomoi
Absorb	komela
Absorption	komela
Accelerate	kosala mbangu
Acceleration	komatisa vitesi
Accuracy	sikisiki
Acid	acide
Acidic	eza na acide
Action	mosala
Activity	mosala
Adaptation	komesana
Adhesive	kokangama
Adult	mokolo
aerobic respiration	kopema na mopepe ya normale
Agar	agare
Agile	koningana
Agriculture	bilanga
air pollution	kobebisa mopepe
air resistance	kotelemela mopepe
Algae	nzete ya algues
Alkaline	alkaline
Allele	gene babengi allèle
Allergy	allergie
Alternate	mosusu
Altitude	ezaleli
amino acid	acide aminé
Ammonium	ammoniume
Ampere	ampere
Amphibian	nyama babengi amphibien
Amplitude	koningana ya makasi
Anaerobic	bozangi mopepe ya normale
Analysis	analyse
Angle	angle
angle of incidence	angle ya incidence
Animal	nyama
Anode	anode
Antibody	anticorps
Aquarium	aquariume
Aquatic	ya mai
Aquifer	oyo eza na mai
Arc	litimbo
Arches	ba arche
Area	esika
Arid	kokauka

ENGLISH	LINGALA
Arrow	tolotolo
artificial selection	boponi ya artificielle
asexual reproduction	kobota ya kosangisa nzoto te
Asteroid	asteroide
astronomer	astronome
Astronomical Unit	Unité ya astronomie
Athlete	mosani
atmosphere	mopepe
Atom	atome
atomic mass	masse ya atome
atomic mass unit	unité ya masse ya atome
atomic number	nimero ya atome
Attract	kobenda
Attraction	kobenda
Average	moyenne
Axis	axe
B	
Bacteria	mikrobe
Balance	bokatikati
barometer	barometre
Basalt	basalte
Base	moboko
Battery	baterie
Beach	libongo
Beaker	gobelet
Bedrock	libanga ya nsé
Behavior	ezaleli
Big Bang (theory)	Big Bang (lisapo)
biochemical	biomedicale
biodiversity	biodiversité
Biome	biome
Biotic	etali biloko eza na bomoi
black hole	libulu ya moindo
Blood	makila
Boiling	kotoka
boiling point	esika ya kotoka
Bond	boyokani
Bonding	koyokana
Bone	mokwa
Boulder	libanga monene
Boundary	ndelo
Brain	boongo
Breathing	kopema
Breeding	kobima makila
Bubble	bulle

ENGLISH	LINGALA
Buffer	tampon
Buoyancy	kotepa na mai
buoyant force	nguya ya kotepa
C	
Calcium	calciume
Calorie	kalori
camouflage	kokosa
Canyon	canyon
Capacitor	condensateur
Capacity	makoki
carbohydrate	glucide
Carbon	carbone
carbon dating	koyeba mbula ya carbone
carbon dioxide	diokside ya carbone
Carnivore	oyo elyaka misuni
Catalyst	ebandisaka kasi ekotaka te
Cathode	cathode
Cell	selile
cell division	kokabwana ya selile
cell membrane	membrane ya baselile
cell wall	efelo ya baselile
cellular respiration	kopema na baselile
Celsius	Celsius
Cement	ciment
cementation	kosangisa na ciment
Cenozoic Era	Eleko ya Cénozoïque
centi-	centi-
Centrifuge	centrifuge
centripetal force	nguya ya centripète
Charge	kilo
Charged	kofunda
chemical change	mbongwana ya chimie
chemical property	ezaleli ya biloko ya chimie
chemical reaction	réaction ya chimie
Chemistry	chimie
Chloride	chloride
chlorophyll	chlorophylle
chloroplast	chloroplaste
chronological	kolandana ya makambo
Circuit	zongazonga
Claim	maloba
classification	kotyama na molongo
Classify	kotya na molongo
Climate	klima
climate change	mbongwana ya lima

ENGLISH	LINGALA
Clone	clone
Cloud	mapata
Coal	makala
coarse	bongobongo
coast	mopanzi
codon	codone
Coil	bobine
collision	kotutana
combination	kosangisa
combustion	kozika
common ancestor	nkoko moko
compass	boussole
complex	mindondo
composition	biloko ezali na kati
compound	eza ebele
compression	kofina
concave	concave
concentration	kotya makanisi esika moko
conclusion	maloba ya nsuka
condensation	kolembisa mai oyo ekangama
conduction	kolekisa lotiliki
conductivity	mingi ya lotiliki na eloko
conservation	kobatela
constant	ebongwanaka te
container	kontenere
continent	kontina
continental drift	kotengama ya kontina
continental plate	plaque ya kontina
control	koyangela
controlled variable	koyangela biloko ebongwanaka
convection	convection
converge	kokutana
Core	moboko
Coriolis effect	bopusi ya coriolis
correlate	kozala na boyokani
correlation	kosala boyokani
corrosion	koguga
covalent bond	bokangami ya covalent
cover	kozipa
crater	libulu ya monene
crest	likolo ya ngomba
crust	eteni ya makasi ya lipa
crystal	cristale
crystalline	cristaline
crystallization	cristalisation

ENGLISH	LINGALA
cubic meter	mètre cube
current	ya sika
curve	courbe
D	
Dam	barrage
Data	donnée
decay	kopola
deceleration	kokitisa vitesi
decibel	décibele
decomposer	kopola
decomposition	kopola
decrease	kokita
detector	eloko oyo emonaka
defective	kobeba
deforestation	kobebisa zamba
degree	degré
dehydration	kosila mai
dense	makasi
density	densité
dependent variable	variable oyo etali yango
deposition	kolongola na mosala
desert	esobe
design	modele
deuterium	deutérium
development	kosalema
Dew	mamwe
diagram	diagramme
diameter	diametre
diamond	diamant
Diet	bilei
diffraction	diffraction
dilation	kokoma monene
dilute solution	kokomisa mai kilo te
dinosaur	dinozore
disintegrate	kokabola
dispersion	kopanzana
disprove	koboya
dissolution	koboma
dissolve	koboma
divergent boundaries	bandelo oyo ekeseni
DNA	ADN
dominant	koyangela
Doppler effect	Komata ya makelele to pole
Doppler shift	Mbongwana ya Doppler
dormant	ezolala

ENGLISH	LINGALA
dot diagram	diagrame ya ba points
double bond	ekangami mbala mibale
Drag	kobenda
Drift	kolongwa
dynamic equilibrium	équilibre oyo ebongwwanaka
E	
Earth	Mabele
earthquake	koningana ya mabele
Echo	makelele
eclipse	éclipse
ecological	écologique
ecosystem	écosystème
effect	bopusi
Egg	lyaki
electric current	lotiliki
electrical conductivity	komema lotiliki
electrode	elektrode
electromagnetic spectrum	spectre electromagnetique
electron	elektro
electron configuration	configuration ya ba électrons
electronegativity	électronégativité
element	eloko
elevation	komatisa
embryological	oyo eza lyaki
embryonic	ya lyaki
emission	kobimisa
emission spectrum	kosala spectre
endothermic reaction	réaction endothermique
energy	nguya
engineer	enzeniere
environment	mopepe
entropy	entropie
enzyme	enzyme
equation	équation
equator	equateur
equilibrium	équilibre
equipment	esaleli
Era	eleko
erosion	érosion ya mabele
Error	libunga
erupt	kopanzana
eruption	kopanzana
estuaries	minoko ya ebale
eukaryotic cell	selile eucaryote
eutrophication	eutrophisation

ENGLISH	LINGALA
evaporation	kokomisa mai mopepe
evidence	elembeteli
evolution	komibimela
evolve	kokola
excess	koleka
exercise	ngalasisi
existence	bozali
exothermic reaction	r�action exothermique
experiment	komeka
explanation	ndimbola
explosive	oyo ekoki kopanzana
exposed	kobimisa
extinct	koboma
extraction	kobimisa
F	
family	libota
Fat	mafuta
Fault	libunga
feedback	komantere
fermentation	kovimbisa
fertilizer	engrais
Field	bilanga
Final	nsuka
fission	kokabola
flame	moto
Flask	flacon
Flaw	mbeba
Float	kotepa
Fog	londende
food chain	chaine ya bilei
food web	rezoy ya bilei
Force	nguya
formula	formule
fossil	biloko ya kala
fossil fuel	esansi ya biloko ya kala
fossilization	kokomisa ya kala
free-fall	kokweya na bonsomi
freezing	kokomisa malili
freezing point	point ya kokoma malili
frequency	frequence
friction	matata
frozen	kokomisa glase
Fuel	carburant
fungi	mayebo
funnel	entonnoir

ENGLISH	LINGALA
fusion	kosangisa
G	
galaxy	galaksi
gamma rays	ba rayons gamma
Gas	gaze
gas phase	phase ya gaze
gaseous	oyo ezali na gaze
Gel	gel
Gene	etali makila
generation	molongo ya bato
genetic	euti na makila
genotype	g�notipe
geologic	g�ologique
geologic time scale	�chelle ya ntango g�ologique
Giga	giga
glacier	glacier
gland	glande
glass	maneti
global warming	molunge ya mokili mobimba
glucose	glucose
goggles	maneti ya komibatela
gonad	gonade
graduated cylinder	cyindre eza na dipl�me
Gram	grame
granite	granit�
graph	elili
gravity	nguya oyo ebandaka biloko na mabele
greenhouse effect	effet de serre
greenhouse gas	gaz � effet de serre
Group	etuluku
H	
habitat	esika ya kofanda
half-life	katikati ya bomoi
halogens	ba halog�nes
hardness	bokasi
Hatch	kokata
Heat	molunge
heat energy	energie ya molunge
heat transfer	transfert ya molunge
hemisphere	hemisph�re
herbivore	oyo elyaka matiti
Hertz	hertz
heterozygous	h�t�rozygote
homeostasis	hom�ostasie

ENGLISH	LINGALA
homozygous	homozygote
horizon	horizon
humidity	malili
hurricane	mopepe makasi
hydraulic	hydraulique
hydrogen	hydrogène
hypothesis	likanisi
I	
Ice	glase
iceberg	ngomba ya zelo
igneous rock	libanga ya igneous
Ignite	kopelisa moto
impact	bopusi
independent variable	variable ya lipanda
indicator	elembo oyo ezolakisa
Inertia	kozanga koninganga
Inflate	kovimba
infrared	infrarouge
Initial	ebandeli
inorganic	eza organique te
insecticide	nkisi ebomaka banyama
instantaneous	na mbala moko
insulated	oyo ezali na isolation
intensity	bokasi
interaction	boyokani
intermediate	katikati
invasive species	banyama oyo ekotaka na mboka mopaya
invertebrate	banyama oyo ezangi mikuwa
investigate	kosala bolukiluki
investigation	bolukiluki
Iodine	iodine
Ion	ion
ionic bond	bokangami ya ionique
Iron	libende
isotope	isotope
J	
jet stream	courant-jet
Joule	joule
K	
Kelvin	Kelvin
kilo-	kilo-
kinetic energy	énergie cinétique
L	

ENGLISH	LINGALA
laboratory	laboratoire
Lake	lac
landfill	esika babwakaka bosoto
landscape	paysage
Laser	laser
latitude	latitude
Lava	mabanga ya volcan
lava flow	kokita ya mabanga ya volcan
law of conservation of mass	mobeko ya kobatela masse
Lead	plomb
Lens	maneti
Lever	levier
life cycle	cycle ya bomoi
Light	pole
limestone	libanga ya calcaire
Line	nzela
linear	linéaire
Lipid	lipide
Liquid	mai
Liter	litre
lithosphere	lithosphère
litmus paper	papier ya tournesol
longitude	longitude
longitudinal wave	mbonge ya longitude
lumen	lumen
Lunar	ya sanza
luster	lustre
life cycle	cycle ya bomoi
Light	pole
limestone	libanga ya calcaire
Line	nzela
linear	linéaire
Lipid	lipide
Liquid	mai
Liter	litre
lithosphere	lithosphère
litmus paper	papier ya tournesol
longitude	longitude
longitudinal wave	mbonge ya longitude
lumen	lumen
Lunar	ya sanza
luster	lustre
M	
magma	magma
magnet	aimant

ENGLISH	LINGALA
magnetic field	champ ya aimant
magnification	magnification
magnitude	magnitude
mantle	manteau
Mars	Mars
Mass	ebele
matter	likambo
measurement	emekeli
mechanism	mécanisme
medium	katikati
Mega	mega
melting	kokomisa mai
melting point	esika ya kokomisa mai
Mesh	monyama
messenger RNA	messenger ARN
metabolism	métabolisme
metal	ebende
metallic	ya ebende
metamorphic rock	libanga ya métamorphique
meteor	metéore
meteorite	metéorite
micro-	micro-
microbe	mikrobe
microscope	microscope
mid-ocean ridges	bangomba ya kati ya mbu
milli-	mili-
mimicry	komekola
mineral	minérale
mirror	kitalatala
miscible	oyo ekoki kosangisama
mitochondria	mitochondrie
mitosis	mitose
mixture	kosangisa biloko
model	modele
modify	kobongisa
moisture	malili
molecule	molekile
momentum	bokasi ya mbangu
moon	sanza
motion	muvema
mountain	ngomba
mouth	monoko
movement	muvema
muscle	mosisa
mussel	moule

ENGLISH	LINGALA
mutate(d)	kobongwana
mutation	mbongwana
N	
nano-	nano-
natural selection	boponi ya naturelle
nebula	nébuleuse
negative	mabe
negative feedback	komantere ya mabe
nerve cell (neuron)	selile ya boongo (nerone)
net force	nguya ya net
neutral	koboya kokota
neutron	neutron
neutron star	monzoto ya neutron
Newton	Newton
nitrogen	nitrogene
nonmetal	libende te
nonrenewable	bakoki te kokomisa sika
North Pole	Pole ya nord
nuclear fusion	bosangani ya nikleyere
nucleus	mokokoli
number	nimero
nutrient	nutritif
O	
observation	botaleli
oceanic crust	croûte ya mbu
Octet	octet
offspring	bana ya bana
Ohm	Ohm
Oil	mafuta
omnivore	alyaka nyonso
optical	optique
Orbit	orbite
Order	etinda
organ	enama
organic	organique
organism	organisme
oscillate	koningana
osmosis	osmose
oxidation	oxydation
oxygen	mopepe
ozone	ozone
P	
Pair	mibale
parallel	kotalana

ENGLISH	LINGALA
particle	eloko
Path	nzela
pattern	ezaleli
pedigree chart	tablo ya bankoko
period	eleko
periodic table	tablo periodique
permafrost	pergélisol
petri dish	linzanza ya petri
pH meter	pH metre
pH scale	Échelle ya pH
phase	eteni
phenomenon	phénomène
phenotype	phénotype
photon	photon
photosynthesis	photosynthèse
physical change	mbongwana ya nzoto
physical property	biloko ya mosuni
physiological	physiologique
phytoplankton	phytoplancton
pico-	pico-
pigment	timbre
Pitch	esika
Plain	mobimba
plastic	kopale
plate boundary	ndelo ya plaque
plate tectonic theory	liteya tectonique ya plaque
plateau	plateau
plume	masala
Pluto	Pluton
Point	litono
polar molecule	molécule polaire
Pole	nzete
pollution	kobebisa mopepe
polymer	polymère
population	bato
porous	eza na madusu
positive	malamu
positive feedback	komantere ya malamu
potassium	potasiume
potential energy	énergie potentielle
Pour	kosopa
power	nguya
precipitant	eloko epusaka
precipitate	kolendisa mosala
precipitation	kolendisa mosala

ENGLISH	LINGALA
predator	prédateur
predict	koloba liboso
pressure	kopusa
Prey	eloko balingi bakanga
primary	ya yambo
primary consumer	kiliya ya yambo
Prism	prisme
probability	likoki
procedure	lolenge
process	lolenge ya kosala
producer	mobimisi
product	eloko
projectile	lisasi
prominent	ya motuya
proportional	ekokani
propose	kopesa likanisi
protein	proteine
proton	proton
pulley	poulie
Pulse	impulsion
Push	kotindika
P-wave	P-mbonge
Q	
quality	qualité
quantity	mingi
R	
radio wave	mbonge ya radio
radiometric dating	kotánga dati na radiométrique
radioactive decay	kopola ya radioactif
rainbow	monama
Range	mingi
Rare	emonanaka mingi te
Rate	ntalo
Ray	rayon
reactant	réactif
reaction	réaction
reagent	réactif
reasoning	kokanisa
recessive gene	gène récessif
recombinant DNA	ADN recombinant
recycling	kozongisa ya sika
red giant	elombe ya motane
red-shift	mbongwana na motane
reference point	point ya referanse

ENGLISH	LINGALA
reflect	kolakisa
reflection	kokanisa
refract	mbongwana ya direction
refraction	mbongwana ya direction
related	etali
relationship	boyokani
relative age	mbula oyo ekokani na yango
replication	kozongela makambo
reproduction	kobota
reptile	nyama oyo ebendanaka na mabele
repulsion	kozongela makambo
research	bolukiluki
resistance	kotelemela
resource	ressource
result	mbano
reversible reaction	réaction oyo ekoki kozongisama nsima
ridges	crêtes
Robot	robo
Rock	libanga
rocket	fusée
rotation	kobaluka
rough	makasi
runoff	ruissement
S	
salinity	mingi ya mungwa
salmon	salomo
Salt	mungwa
sample	echantillon
sandstone	mabanga ya zelo
satellite	satelite
Scale	emekeli kilo
science	siansi
scientific law	mobeko ya siansi
scissors	ciseaux
screen	ecran
seamount	ngomba ya mbu
seasons	bileko
secondary wave	mbonge ya mibale
sediment	sédiment
sedimentary rock	libanga ya sédimentaire
sedimentation	sédimentation
seismic wave	mbonge ya koningana ya mabele
semiconductor	semi-conducteur
senses	ba sens
sensory	mayoki

ENGLISH	LINGALA
series	baserie
setup	kobandisa
sexual reproduction	kobota na nzela ya kosangisa nzoto
shadow	elili
Shell	mposo ya lyaki
shield	nguba
simulation	komekola
sodium	soidum
Soil	mabele
solar system	systeme ya moi
Solid	makasi
solidification	kokomisa makasi
solubility	makoki ya kokota
solubility curve	courbe ya makoki ya kokota
solution	solution
sonar	ebongiseli ya koyeba biloko na nse ya mai
sound wave	makelele ya mbonge
South Pole	Pole Sud
spawn	kobota
species	bikelamu
specific heat	molunge ya sikisiki
spectral lines	milongo ya spectrale
spectroscopy	spectroscopie ya kosala
speed	vitesi
sphere	sphère
Spin	kobaluka
Star	monzoto
straight	mbala moko
strength	makasi
structure	ndenge ezali to structure
subatomic	subatomique
sublimation	sublimation
submerge	kozindisa na mai
substance	eloko
substrate	longola
succession	kokitana
sulfur	sufre
Sun	Moi
supernova	monzoto oyo ematisaka pole na mbalakaka
support	lisungi
surface	esika
survival	kobika
suspension	kolongola
S-wave	S-mbonge
sweat	motoki

ENGLISH	LINGALA
swing	kodyembela
synthesis	synthèse
system	systeme
T	
technology	teknoloji
tectonic plate	plaque tectonique
telescope	teleskope
temperature	molunge
temporary	ntango moke
tension	kowelana
terrestrial	ya mabele
test tube	tube ya test
texture	langi
Thaw	kokomisa mai
theory	liteya
thermal	ya molunge
thermometer	termometre
Tilt	kokita
Time	ngonga
tincture	teinture
titration	titre
tongs	ba pinces
Torr	torre
Trait	ezaleli
trajectory	trajectoire
transfer	kotinda
transmit	kotinda
transpiration	kotoka
transport	transport
transverse wave	mbonge ya transversale
trench	eteni
Trial	komeka
Tube	tibe
U	
ultraviolet light	pole ya ultraviolet
ultraviolet radiation	radiation ya ultraviolet
uranium	uranium
Unit	eteni
universe	molóngó ímobimba
unstable	oyo ezali stable te
V	
vacuum	esika ya mpamba
valence electrons	ba électrons ya valence
Value	motuya

ENGLISH	LINGALA
vapor	mopepe
variable	oyo ebongwanaka
vehicle	motuka
velocity	vitesi
vibrate	koningana
vibration	koninanga
vinegar	vinaigre
Virus	virisi
viscosity	ya kilo
viscous liquid	mai ya kilo
visible	ezomonana
visible spectrum	spectre oyo emonanaka
volcano	ngomba ya mɔɔ
voltage	tension
volume	volime
W	
waste	mbindo
water	mai
water cycle	cycle ya mai
water vapor	mopeoe ya mai
Wave	mbonge
wavelength	molai ya mbonge
weather	mopepe
weathering	kobeba
weight	kilo
Wind	mopepe
X	
x-ray	rayon-x
Y	
Year	mobu