

# Glossary

---

## High School Level

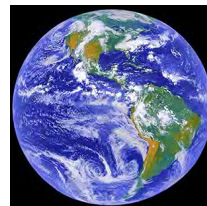
# Physical Setting & Earth Science Glossary

---

## English | Wolof

Translation of Physical Setting & Earth Science terms based on the Coursework for Physical Setting & Earth Science 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"](#)





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

**P-16**

Office of Elementary, Middle, Secondary and Continuing Education and Office of Higher Education  
Office of Bilingual Education and World Languages

<http://www.emsc.nysed.gov/biling/>

**THE UNIVERSITY OF THE STATE OF NEW YORK**

**Regents of The University**

BETTY A. ROSA, <i>Chancellor</i> , B.A., M.S. in Ed., M.S. in Ed., M.Ed., Ed.D. ....	Bronx
T. ANDREW BROWN, <i>Vice Chancellor</i> , B.A., J.D. ....	Rochester
ROGER TILLES, B.A., J.D. ....	Great Neck
LESTER W. YOUNG, JR., B.S., M.S., Ed.D. ....	Beechhurst
CHRISTINE D. CEA, B.A., M.A., Ph.D. ....	Staten Island
WADE S. NORWOOD, B.A. ....	Rochester
KATHLEEN M. CASHIN, B.S., M.S., Ed.D. ....	Brooklyn
JAMES E. COTTRELL, B.S., M.D. ....	New York
JOSEPHINE VICTORIA FINN, B.A., J.D. ....	Monticello
JUDITH CHIN, M.S. in Ed. ....	Little Neck
BEVERLY L. OUDERKIRK, B.S. in Ed., M.S. in Ed. ....	Morristown
CATHERINE COLLINS, R.N., N.P., B.S., M.S. in Ed., Ed.D. ....	Buffalo
JUDITH JOHNSON, B.A., M.A., C.A.S. ....	New Hempstead
NAN EILEEN MEAD, B.A. ....	Manhattan
ELIZABETH S. HAKANSON, A.S., M.S., C.A.S. ....	Syracuse
LUIS O. REYES, B.A., M.A., Ph.D. ....	New York
SUSAN W. MITTLER, B.S., M.S. ....	Ithaca

**Commissioner of Education and President of The University**

MARYELLEN ELIA

**Executive Deputy Commissioner**

ELIZABETH R. BERLIN

The State Education Department does not discriminate on the basis of age, color, religion, creed, disability, marital status, veteran status, national origin, race, gender, genetic predisposition or carrier status, or sexual orientation in its educational programs, services and activities. Portions of this publication can be made available in a variety of formats, including braille, large print or audio tape, upon request. Inquiries concerning this policy of nondiscrimination should be directed to the Department's Office for Diversity and Access, Room 530, Education Building, Albany, NY 12234.

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	WOLOF
<b>A</b>	
abrasion	Abaraaason
absolute age	Absolitaas
absolute humidity	tooyaay bu kawé
absolute zero	Nonbuur bu neen
absorption	ngacc
acid	asitt
acid rain	taaw asitt
acid test	Saytu asiit
actual evapotranspiration	Naaw saxaar bu teew
adiabatic temperature change	Wecco ajabatiik tanperaatiir
aeration	feexaal
aerobic bacteria	Depalasma ci riitmu bu gaaw bi nekk organiism yuy dundu
aerosol	Juntu kay bu ngacc likitt yu ndaw yi nekk ci gaas
air mass	Woliimu ngelew
air pressure	Doole ngelew
alkaline	Li ëmbb alkaali
alluvial fan	Wantay boloku xeer bi ndox dajaloo fu bëri wul kuuran
altitude	Gudday
anemometer	Juntu kaay buy naatt witeesu ngelew
anaerobic bacteria	Bakkeri buy bun du ci gnakkum oksiseen
angle of isolation	Angal bu beeru
annual eclipse	Japante jant ak weer ci att
aphelion	affeliyon
apogee	Deegere bu genna kawé
apparent daily motion	Yengum bës bu fës
apparent magnitude	Reeyay bu fës
apparent planetary diameter	Jameeturu si bu fës
arete	areetu
arid	woow
ash	Doom taal
atmosphere	atmosfeer
atmospheric pressure	Doole atmosfeer
atmospheric variables	Wariyaabul atmosfeer

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	WOLOF
<b>B</b>	
barometer	Naat kay doole ngelew
barometric pressure	Dolle natt kay ngelew
barrier beach	Luy baare tefees bi
basin	Sangu kay
bed load	Sarsu foon
bedrock	fondaason
bench mark	Pogne bu tax doo reer
boulder	Bolooku xeer
<b>C</b>	
calorie	kalorii
canyon	kanoo
capillary	Li ci kawaar
carbon dating	Liim dattu karboon
celestial object	yëf jaaw ji
carrying power	Jëllum puwaar
cementation	Deff simoon
centrifugal force	Dooley buy soriil ci digg bi
chemical weathering	Soppite simiik
chlorofluorocarbons	Karboonu filliyoor
cirque	Yengu yengu bu am doole
clay	bann
cleavage	Tassarum minire
climate	Kilimaa
cloud	Xiine
cold front	Seed bu bëri
colloids	Siptans bu niroom ak kool bu dul donj
compound	boole
compression	Doole buy bës
compression wave	Bësum doole wagg yi
condensation	Doon donj
conduction	Luy yoobbu
conservation of energy	Denccum eneersi
continental drift	Tukki adunna
continental plate	Palatu adunna
continental climate	Kilima koontinaa
continental shelf	Etaaseeru adooledunna
continental tropical air mass	Doole ngelew adunna ak toropikk
contact metamorphism	Soppite ndajje
conservation	denc
convection	Konwekson
convective cell	Seliilu konwekson
convect	Konvektor
converge	Jëm beenn boor

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	WOLOF
coordinate system	Sisteem yu lonkoo
core	nuwayoo
Coriolis effect	Effewu koriyoolii
correlation	Li andd
crater	antinoor
crust	Kuruut
crystal	donj
cyclic change	Soppite siikaal
cyclone	Ngelew bu am doole annd ak taaw
<b>D</b>	
daily motion	Luy dox bës bu nekk
deficit	manké
degree	degeere
delta	Delta
density	Dooley bëri
deposit	jooroo
desert	Bërëp suuf kese
desertification	Gnakum garaap
Devonian Period	Jamanoo sewolosik
dew	saxaar buy doon donj te ndox bi dey wajj ci soon yu seed yi
dew point temperature	Pognu tamperatiir bu saxaar buy doon donj te ndox bi dey wajj ci soon yu seed yi
dike	Pax bu reey buy taxawal ndoxu geej
dinosaur	dinosoor
direct ray	Reyon bu jubb
discharge	Gnakum kuuran
displacements sediments	Dooxum sidimaa yi
distorted structure	Doxaline bu soppi
divergence	Yu bokul fi gnu jëm
Doppler effect	Effeewu Doppler
drainage	Sandi ndoxu ci foos yi
drumlin	droomlën
dry bulb thermometer	Naat tanperatiir orgaan yu woow yi
duration of insolation	Diiru beeru
dust storm	Ngelew bu reey bu and ak puseee
dynamic equilibrium	tollole doole
<b>E</b>	
earthquake	Yengum suuf
eccentricity	Feete boor
electromagnetic energy	Eneersi elektoromajatiik
element	elema
eclipse	ndajjum weer ak jant
elliptical	li jemm ci ndajjum weer ak jant
energy	eneersi
epicenter	Suuf bu nekk fi am yenggum suuf
equilibrium	tollole

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	WOLOF
equinox	Bësu bu béccekk genne guddu guddi
erosion	Suf bu gnak li kooy dundal
escarpment	Pannt bu kawwe
esker	esskeeru
eutrophication	miniraal yu bëriyuy juur yengum ikolosi
evaporation	Naawu saxaar
<b>F</b>	
fault	defoo
field	bërëp
focus	konsanterewu
folded strata	estarata
fossil	Organiismu bu jitu jamano cewolosik
fracture	Damm damm
friction	firiikson
front	kanam
<b>G</b>	
geocentric model	Modeelu digg
geographic poles	Poolu soogaraafi
geologic time scale	naatt diiru seolosik
geosyncline	seosenkilin
glacier	Donju galaas bu bëri
graded bedding	Kuus bu berru
gradient	pannt
gravity	Garawite
gram	Garaam
greenhouse effect	Iffeedeeseer
groundwater	Ndoxu suff
<b>H</b>	
half life	Genawall dundu
heat energy	tangooru eneersi
heat of fusion	tangooru seey
heat of vaporization	tangooru naway saxaar
heliocentric model	modeelu naat kay digg
high pressure	Doole bu kawe
horizontal	orisantaal
horizontal sorting	tann bu jogge cammonj deem ndey joor
humidity	tooyay
hydrosphere	Idorosfeer
hypothesis	ipotees

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	WOLOF
<b>I</b>	
ice	galaas
igneous rock	Donj xeer bu deggër
impermeable index fossil	lu likitt mënul jaal
infiltration	duggu
inner core	Diggum biir
insolation	Jaxaso bu yaggay ci naaj waral
interface	Lonkoo ak kuuran walla elektoroniik
intrusion	Li raax
Intrusive igneous rock	donj xeer bu deggër bu raax
ionosphere	lyoosfeer
isobar	Isobaar
isoline	isoliin
isostasy	Paccu litoosfeer litoosfeer yu tolo
isotherm	Isbaar
isotope	Istoop
<b>J</b>	
jet stream	Kuuran ngelew
joint	Fu elema yi di dajjaloo
<b>K</b>	
kame	kaam
kettle	tangalu kaay
kinetic energy	Eneersi bu kinetis
Kepler’s Law of Motion	Luwa depalasma bu kepler
<b>L</b>	
landscape	natiir
latent heat	Tangooru buy xaar
latitude	Gudday
latitudinal climate patterns	App kilima ci mbindum imaas yi
lava	Seeyu milans buy koole ci yengum wolkan
length	gudday
liter	liitar
lithosphere	Litoosfeer
local noon	midi fi nga neek
longitude	Gudday
low pressure (aired front)	I doole ngelew( bu ndaw) bu seed
luster	leer

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	WOLOF
<b>M</b>	
magma	Makma
magnetic declination	Deenggum aase
mantle	muuru
marine climate	Kilimawu geej
maritime polar air mass	Doole ngelew bu geeju pool yi
maritime tropical air mass	Doole ngelew bu geej yu nekk ci diggante topiik yi
mass	Puwa
matter	Jaffe jaffe
meander	Doxiinu jaane
mean solar day	Bësu naaj bu metti
measurement	naatt
meniscus	meniiskiis
meridian	merejeen
metamorphic rock	Soppite korook
meter	meeteer
mid-ocean ridge	Otooru digg geej
milli	mili
mineral	Miniraal
mode	Model
moisture	toyaay
moho discontinuity	taxawaay
mountain	Montaay
<b>O</b>	
observation	seetlu
occluded front	Dewantiir bu okile
ocean floor spreading	Teeye kay suuf si bu jitu
orbit	Pax
orbital speed	Witeesu pax
organic	Li ci orgaane
original horizontality	Deggëntane rëd bu tëd judd
outcrop	Feenjay xeeru ci biir suuf
outer core	Koor bu biti
oxidation	Oksidaason
<b>P</b>	
parallel	Paraleel
perihelion	Pognum orbiitt bu genne jegge jant
period	diir
permeability	Jallayu lu ndoxe
phase	pacc
plain	Peleene
planetary winds	Ay Ngelewu suuf si
plateau	Palaatoo
plate tectonic theory	Soppite buy wall kusu sewolosi ganawu sen formaso
polar	Bërëp bu nekk fu suuf si di wëre



## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	WOLOF
Polaris	polaaris
pollutants	Yuy tilimaal
porosity	Pax yu ndaw yu bëri
potential energy	eneersi bu am doole
precipitation	Sandiim likitt ci yengu simiik
pressure gradient	Doole limu soppite
primary waves	Wagg yu jiitu
prime meridian	Mirijan bu jiitu
<b>R</b>	
radiation	Leer reyon
radioactive balance	tollole leeru reyon yi
radioactive dating	Liim attu leer reyon yi
radioactive decay	Leer reyon yuy wajeeku
radio telescope	Rajoteleeskoop
reargue	koonfirmaason
reflection	Leer buy yobbu
refraction	Refarakson
refracting telescope	Teleeskoop bu refarakte
regolith	Xollit yuy muuru donju xeer
relative age	Xayma att
relative humidity	Xayma tooyay
residual sediment	Sidima yu dees
resource	Resuurs
revolution	Soppite
rock	Donju xeer
rock cycle	Dem dikk donju xeer
rock formation	Dajallum donju xeer
rock resistance	Deggëray donju xeer
rotation	wër
runoff	wallangaane
<b>S</b>	
salinity	xoroomu
saturation	Lu mënëtuul seeyi
scalar field	Poson domeenu ndox yu seel
season	seeson
secondary wages	Gnareelu saleer
sediments	Ay sidima
sedimentary rocks	ayDonju sidimateer
seismic waves	Wag yengu buy waal xoliitu suuf si
senses	saans
silicon-oxygen tetrahedron	Siliikoowu oksisentetaraxidoron
sink (energy)	maabb eneersi
seismograph	Binndu kat yengum suuf
slope	pant
soil horizon	Orisonwu suuf
soil profile	Porofilu suuf

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	WOLOF
soil storage	Ndajaalum suuf
solar noon	Jant middi
solar system	Sisteemu jant
solid	deggër
solidification	deggëray
solstices	Gudday guddi
sorting of sediments	Sidima sortingoof
source (energy)	Suursu (eneersi)
source (region)	Bërëp (reeson)
specific heat	Tangoor bu amul feen
species	espesu
stationary front	Dewantiir bu dul soppi
strata	estrata
streak	estiriik
stream bed	Laalu kuuran
stream discharge	Kuuran bu degn
subsidence	waanji
sundial	Kadaran naaj
sublimation	Sibilimaason
superposition	tegallante
surplus	yoxute
suspension	ajj
syncline	siinkiliine
<b>T</b>	
technology	teknolosi
tectonics	Tetoniik
temperature	tanperatiir
terrestrial motions	yengum suuf
texture	Ni mu bindoo
tilted strata	Titar estaraata
time	waxtu
topographic map	Domeenu peresantason kawem suuf ci caarta
track	yoon
transformation	soppite
transition	Taraansison
transpiration	ŋaq
transport	Dem dikk
transporting system	sisteemu dem dikk
transverse wave	Wagg yuy yengu
<b>U</b>	
ultraviolet	iltarawiyole
uplifting force	Doole bu kawe
uranium	iranjëm
usage	jëfendikoo

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	WOLOF
<b>V</b>	
valley glacier	Walee galaas
vapor	Naaw saxaar
vapor pressure	Doole naawu saxaar
variable	wariyaabul
vector field	Bërëp weektoor
vein	siditt
vertical	Wertikaal
visible light spectrum	Leeru espektar yu gnuy gis
visibility	gis
volcano	wolkan
volcanic ash	Wolkan bu jogg
volume	woliim
<b>W</b>	
waning	wanḡeku
warm front	tangoor
water budget	Xayma ndox
water cycle	Dem dikk ndox
water purification	Sellalum ndox
water shed	Ndox buy wallangaan
water table	Mën soppi ci ndox
water vapor	Naaway saxaar u ndox
wavelength	Gudday wag
waxing	seetal
weather prediction	miteo
weathering	tass
weight	puwa
wind	ngelew
<b>Y</b>	
year	att