

# Glossary

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## High School Level

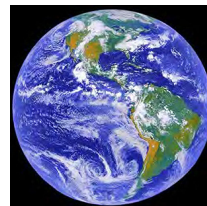
# Physical Setting & Earth Science Glossary

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## English | Mandinka

Translation of Physical Setting & Earth Science terms based on the Coursework for Physical Setting & Earth Science Grades 9 to 12.

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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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## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
<b>A</b>	
abrasion	sasalo
absolute age	kotoya baa
absolute humidity	sumuya baa
absolute zero	halifintijé
absorption	susulo
acid	asido
acid rain	sanjiwo acido
acid test	acidotésto
actual evapotranspiration	Muna jata tilola sasa
adiabatic temperature change	jabatiko températuro falino
aeration	fogno dun dula
aerobic bacteria	fognojanganrudinwo
aerosol	duma fogno dun dula
air mass	fognohako
air pressure	fognofango
alkaline	alkalino
alluvial fan	aluvialofogno
altitude	asantola
anemometer	anémométro
anaerobic bacteria	anaerobic jangaru dinwo
angle of isolation	Dula mabolinwo
annual eclipse	Sanwo yélémo
aphelion	santo dugukulo
apogee	santo dugukulo munkhé jan
apparent daily motion	dugukulo la mininwo
apparent magnitude	sabalojélo
apparent planetary diameter	dukukulo témala jélo
arete	aréto
arid	jalinwo
ash	buguto
atmosphere	atmosféro
atmospheric pressure	atmosférofango
atmospheric variables	atmosféro la yélémalolu

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
<b>B</b>	
barometer	barométro
barometric pressure	Barométro fango
barrier beach	Plajo bariyéro
basin	jiidakho
bed load	laranwo fata
bedrock	laranwo
bench mark	Siguiranwo marko
boulder	Koru baa
<b>C</b>	
calorie	tulo
canyon	kanowo
capillary	Jikono kulunwo
carbon dating	carbono wosiwo
celestial object	sannafinwo
carrying power	fangotalo
cementation	talalo
centrifugal force	Témala fogno fango
chemical weathering	Climanwo chimiko
chlorofluorocarbons	Kolorofluoro carbonolu
cirque	laminiranwo
clay	boho
cleavage	talaro
climate	climanwo
cloud	sanwo
cold front	sanwo santo
colloids	sanajiwo
compound	suwo
compression	jiwofango
compression wave	bajiwo fango
condensation	fumalinwo
conduction	tambidula
conservation of energy	kuranwo maradula
continental drift	Continenwo la taamo
continental plate	continewo la plako
continental climate	Continenwo climanwo
continental shelf	Continenwo fanwo
continental tropical air mass	Continenwo tropical fogno hake
contact metamorphism	Contacto mayélémo
conservation	maradula
convection	yélémalilanwo
convective cell	yélémalilanwosélulo
convecting	yélémalila
converge	isi bin gnokhoma
coordinate system	systemo min sabin

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ENGLISH	MANDINKA
core	duso
Coriolis effect	corioro simbo
correlation	kan binno
crater	caractéro
crust	nugo
crystal	kuroo
cyclic change	asi yéléma toumabé
cyclone	san fogno
<b>D</b>	
daily motion	lungolong minimino
deficit	féya
degree	dégro
delta	délta
density	densité
deposit	dépot
desert	déséro
desertification	désertificasion
Devonian Period	duma finwolu boo tumo
dew	konkon
dew point temperature	kokon dula températuru
dike	diko
dinosaur	dinasoro
direct ray	esséyo signa kiling
discharge	ajiguita
displacements sediments	jiwo si lakha dula kotéla
distorted structure	suu jinkéring
divergence	tébinning
Doppler effect	dopplo la mano
drainage	jiwo latambi
drumlin	drumlino
dry bulb thermometer	lampo thérmométru sijaa
duration of insolation	ofinsolasion wato
dust storm	fogno banko
dynamic equilibrium	equilibrium simbéring
<b>E</b>	
earthquake	dugukulu yarjara
eccentricity	latilino
electromagnetic energy	électromagnético kuranwo
element	élémanwo
eclipse	san yélémanwo
elliptical	san yélémo
energy	kuranwo
epicenter	dugukulo témo
equilibrium	equilibromo
equinox	sanwo mu tilo si loo dugukulo téma
erosion	dugukulu boyo

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
escarpment	jinkéring
esker	eskéro
eutrophication	eutrophicasion
evaporation	ajata tilola
<b>F</b>	
fault	filo
field	kéna
focus	hakilo to
folded strata	strata sitilingo
fossil	dingo
fracture	facturo
friction	josilo
front	gnatola
<b>G</b>	
geocentric model	géocentriko modélo
geographic poles	géographik polo
geologic time scale	géométrik wato
geosyncline	géosinclino
glacier	glassiyéro
graded bedding	grado ladula
gradient	grajan
gravity	gravito
gram	gramo
greenhouse effect	suu fita buluma kéélo
groundwater	dugukulo jiwo
<b>H</b>	
half life	siwo téma
heat energy	Gandiya kuranwo
heat of fusion	gandiya dundignona
heat of vaporization	gandiya mun tata tilola
heliocentric model	héliocentrik modélo
high pressure	fango bungnaa
horizontal	fénélingo
horizontal sorting	fénéling sutuman
humidity	sumuya
hydrosphere	hidrosphéro
hypothesis	hipotéso
<b>I</b>	
ice	glasso
igneous rock	taa kuro
impermeable index fossil	dingo min halon jiwo té tambi lala
infiltration	jiwo si tambi no
inner core	duso kono
insolation	ka tu tilo la

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
interface	agnatola
intrusion	a dunddula
Intrusive igneous rock	taa kuro min si dun
ionosphere	ionosphéro
isobar	isobaro
isoline	isolino
isostasy	inostasiwo
isotherm	isothérmo
isotope	isopoto
<b>J</b>	
jet stream	jetstrimo
joint	kulu fula témaa
<b>K</b>	
kame	kamo
kettle	kettli
kinetic energy	kinétik kuranwo
Kepler's Law of Motion	kepler'silo minimino
<b>L</b>	
landscape	wulu jibéro
latent heat	kando munbé konoto
latitude	janjaya
latitudinal climate patterns	janjaya climanwo noo
lava	lavaa
length	loo
liter	jégo ladula
lithosphere	lithosphéro
local noon	dula karo
longitude	logna
low pressure (aired front)	fango domani (fogno gnato)
luster	manamana
<b>M</b>	
magma	taa jiwo
magnetic declination	magnétiko jinkéringna
mantle	mantlo
marine climate	climanwo marino
maritime polar air mass	maritimo fogno fango polaro
maritime tropical air mass	maritimo tropicalo fogno fango
mass	fango
matter	guéréguéro
meander	gnignalo
mean solar day	a koto solar lungo
measurement	mésuro
meniscus	domaninwo
meridian	merijinwo

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
metamorphic rock	kuro mumsi yéléman
meter	météro
mid-ocean ridge	baj danwoiwo
milli	mili
mineral	mini jiwo
mode	modo
moisture	gniguining
moho discontinuity	Moho munté tilinning
mountain	montagna
<b>O</b>	
observation	jibéro
occluded front	gnato da
ocean floor spreading	océanwo dura yélun ta
orbit	orbito
orbital speed	orbito vitésso
organic	organiko
original horizontality	fénélinwo orginalo
outcrop	jiwo santo
outer core	duoso banta
oxidation	oxidasion
<b>P</b>	
parallel	a békagnaling
perihelion	périhélioso
period	wato
permeability	jiwo si taambino ala
phase	phaso
plain	séniyaaling
planetary winds	sangulofogno
plateau	plato
plate tectonic theory	Plato éctonik théoriwo
polar	polaro
Polaris	polariso
pollutants	tignao
porosity	tignarng
potential energy	Kuran simbéring
precipitation	sanjiwogra
pressure gradient	grajan fango
primary waves	bajii fololu
prime meridian	mérijan folo
<b>R</b>	
radiation	radiasiyon
radioactive balance	Radioactivo balansso
radioactive dating	Radioactivo lungo
radioactive decay	Radioactivo tolita
radio telescope	radiotéléscopo



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ENGLISH	MANDINKA
reargue	jabilo
reflection	réfleksion
refraction	réfraksion
refracting telescope	téléscopo muni réfrakté
regolith	régolit
relative age	sii kagnangni
relative humidity	sumuya kagnangni
residual sediment	sédimen mun tuta
resource	réurso
revolution	révolusion
rock	kuro
rock cycle	kuro siclo
rock formation	kuro la formasion
rock resistance	kuro la goléya
rotation	minimino
runoff	lota
<b>S</b>	
salinity	kokhobala
saturation	abé faring
scalar field	scalar kéna
season	sama
secondary wages	baji fulaa janwo
sediments	sédimanwo
sedimentary rocks	kuro sédimenwo
seismic waves	baji lajarjara
senses	sensolu
silicon-oxygen tetrahedron	silicon-oxigéntétrahédrono
sink (energy)	jiguita (kuranwo)
seismograph	dugukulu jarjara machino
slope	kuturing
soil horizon	duma horizonwo
soil profile	duma profilo
soil storage	duma bato
solar noon	solawuraro
solar system	Solaro sistémo
solid	kéndéman
solidification	kakéndéya
solstices	solstisso
sorting of sediments	sedimenwo la sutuya
source (energy)	sursso (kuranwo)
source (region)	sursso (regiyon)
specific heat	gandiya sifa doo
species	duma finwo
stationary front	alonrinwo gnatola
strata	strato
streak	culoro
stream bed	jii sigui dula

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
stream discharge	jii boo dula
subsidence	balulanwo
sundial	tilo
sublimation	kakégazoti
superposition	kisiguignokan
surplus	min kaffu tama
suspension	minbé santo
syncline	sinclino
<b>T</b>	
technology	technologiwo
tectonics	téctoniko
temperature	témpératuró
terrestrial motions	Dugukulu la miniminwo
texture	kégna
tilted strata	strato kurinwo
time	wakhato
topographic map	topogrphiko carto
track	silo
transformation	yélémaló
transition	Ké takha gnokhonna
transpiration	wossi
transport	transporo
transporting system	sistém transporo
transverse wave	jiwo minsi taa téma
<b>U</b>	
ultraviolet	ultravioléto
uplifting force	thikandila simbo
uranium	uraniumo
usage	asi kée gnaming
<b>V</b>	
valley glacier	baa glassiyéro
vapor	sisso
vapor pressure	sisso fango
variable	falinfalin
vector field	vector kéna
vein	fassa julo
vertical	lorinwo
visible light spectrum	lampo muni jééno
visibility	assi jééno
volcano	volkanwo
volcanic ash	vokan télo
volume	volumo

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
<b>W</b>	
waning	hakilotu
warm front	gandiya gnatola
water budget	jiibato
water cycle	jiisiclo
water purification	ké nokhobo jiwola
water shed	jii bonwo
water table	jii tablo
water vapor	jii siso
wavelength	baa bugna
waxing	susaro
weather prediction	climanwo jatédla
weathering	climanwo diranwo
weight	akuliya
wind	fogno
<b>Y</b>	
year	sanwo