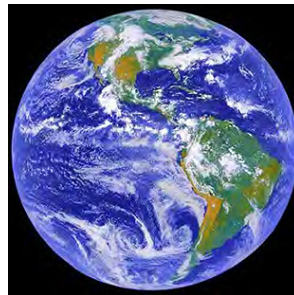


# Glossary

**High School Level**

## Physical Setting & Earth Science Glossary

**English / Kinyarwanda**



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

Word-for-word glossaries are used for testing accommodations for ELL/LEP students



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## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
<b>A</b>	
abrasion	ihongoka
absolute age	imyaka ndakuka
absolute humidity	ubuherehere budasubirwaho
absolute zero	zeru ku gipimo cy'ubushyuhe
absorption	inyunyuzza
acid	aside
acid rain	imvura y'aside
acid test	isuzuma ry'aside
actual evapotranspiration	uguhinduka umwuka nyako
adiabatic temperature change	ihinduka ry'ubushyuhe bw' umwuka
aeration	gutanga umwuka
aerobic bacteria	bagiteri zikenera ogisijeni
aerosol	umwuka uba mu kirere
air mass	uburemere bw'umwuka
air pressure	ingufu z'umwuka
alkaline	kirimo alikaline
alluvial fan	umutemeri wasizwe n'uruzi
altitude	ubutumburuke
anemometer	anemometro
anaerobic bacteria	bagiteri zidakenera ogisijeni
angle of isolation	imfuruka itarasamo izuba
annual eclipse	ubwirakabiri ngarukamwaka
aphelion	ahantu hitaruye izuba cyane
apogee	agasongero
apparent daily motion	ukwikaraga kw'isi
apparent magnitude	ibipimo by'imibonekere y'ibiri mu isanzure
apparent planetary diameter	akarambararo kagaragara k'umubumbe
arete	agasozi gasongoye
arid	ahantu humye
ash	ivu
atmosphere	ikirere
atmospheric pressure	imbaraga z'umwuka mu kirere
atmospheric variables	impinduramiterere z'ikirere

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
<b>B</b>	
barometer	barometro
barometric pressure	umwuka wapimwe na barometro
barrier beach	imbibi z'inkuka
basin	ikibaya
bed load	ibisakumwa n'amazi
bedrock	amabuye y'urutare atabye
bench mark	igipimo fatizo
boulder	urutare
<b>C</b>	
calorie	kalori
canyon	igikombe
capillary	igice gitandukanya ubutaka n'amazi
carbon dating	tekinike kugena igihe na karibone
celestial object	ikivejuru
carrying power	ingufu z'amazi
cementation	gufatanya amabuye
centrifugal force	imbaraga zigana hagati
chemical weathering	iyangirika riturutse ku butabire
chlorofluorocarbons	kororofiliworokarubone
cirque	umuhora
clay	ibumba
cleavage	igisate
climate	imiterere y'ikirere
cloud	igicu
cold front	uruhande rw'umwuka ukonje
colloids	ibimatira
compound	urwunge
compression	iyegeranya
compression wave	uburyo bw'iyegeranya
condensation	iyegerana
conduction	kohereza
conservation of energy	kubika ingufu
continental drift	itandukana ry'imigabane
continental plate	ubutaka bugize imigabane
continental climate	imiterere y'ikirere cy'imigabane
continental shelf	itandukana ry'imigabane
continental tropical air mass	uburemere bw'umuyaga kuri toropike
contact metamorphism	ihinduramiterere y'ubutaka
conservation	ibungabunga
convection	ibira
convective cell	morekire itera kubira
convecting	interakubira
converge	guhindura
coordinate system	uburyo bwo guhuza

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
core	intima
Coriolis effect	ingaruka za Coriolis
correlation	isano
crater	umunwa w'ikirunga
crust	igice cy'in-yuma cy'isi
crystal	ikirahuri
cyclic change	impinduka z'uruhererekane
cyclone	serwakira
<b>D</b>	
daily motion	uguhinduka kwa buri muni
deficit	igihombo
degree	dogere
delta	delita
density	ireme bwite
deposit	ububiko
desert	ubutayu
desertification	guhinduka ubutayu
Devonian Period	Igihe cya Devon
dew	ikime
dew point temperature	urugero rw'ubushyuhe bw'ikime
dike	umugende
dinosaur	dinozoro
direct ray	imirasire itaziguye
discharge	urugero rw'amazi atemba
displacements sediments	kwimura ibisigazwa
distorted structure	imiterere yangiritse
divergence	ikinyuranyo
Doppler effect	ingaruka za Doppler
drainage	kuyobora amazi
drumlin	umusozi wagutse
dry bulb thermometer	igipimabushyuhe cy'ikirahure
duration of insolation	igihe cyo kwakira imirasire y'izuba
dust storm	amahindu arimo ivumbi
dynamic equilibrium	ukuringanira gukora
<b>E</b>	
earthquake	umutingito w'isi
eccentricity	guhindura inzira
electromagnetic energy	ingufu za rukuruzi
element	ikigize
eclipse	ubwirakabiri
elliptical	shushogi
energy	ingufu
epicenter	izingiro
equilibrium	ukuringanira
equinox	imboneko z'ukwezi
erosion	isuri

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
escarpment	imanga
esker	esikeri
eutrophication	urubobi
evaporation	guhinduka umwuka
<b>F</b>	
fault	ikosa
field	umwanya
focus	irebero
folded strata	utwugara tuzinze
fossil	ibisigazwa
fracture	ukwiyasa
friction	ukwikuba
front	imbere
<b>G</b>	
geocentric model	inda y'isi
geographic poles	impera z'isi
geologic time scale	ibihe byaranze isi
geosyncline	akagega
glacier	urubura
graded bedding	igitanda
gradient	imfuruka y'ubuhana
gravity	rukuruzi yo mu butaka
gram	garama
greenhouse effect	imyuka ihumanya ikirere
groundwater	amazi yo mu butaka
<b>H</b>	
half life	icyakabiri cy'ubuzima
heat energy	ingufu z'ubushyuhe
heat of fusion	ubushyuhe bushongesha
heat of vaporization	ubushyuhe buhindura umwuka
heliocentric model	urugero rw'izuba riri mu izingiro
high pressure	umwuka wo hejuru
horizontal	ntambike
horizontal sorting	itandukanya ntambike
humidity	ubuhere
hydrosphere	amazi yo ku isi
hypothesis	igishingirwaho gisanzwe kizwi
<b>I</b>	
ice	barafu
igneous rock	ikoro
impermeable index fossil	urugero rw'ibisigazwa bitinjiramo amazi
infiltration	iyinjiramo
inner core	igice cy'imbere
insolation	kwakira imirasire y'izuba

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
interface	irebero
intrusion	ukwinjira
Intrusive igneous rock	ikoro ryinjirwamo
ionosphere	iyonosiferi
isobar	umpuzahantu h'umwuka umwe
isoline	impuzahantu ku ikarita
isostasy	izositazi
isotherm	umpuzahantu h'ubushyuhe bumwe
isotope	izotope
<b>J</b>	
jet stream	inkubi y'umuyaga
joint	ihuriro
<b>K</b>	
kame	kemu
kettle	icyuzi cya barafu
kinetic energy	ingufu z'ikintu kiyega
Kepler's Law of Motion	Itegeko rya Kepler rigenga ibiyega
<b>L</b>	
landscape	umurambi
latent heat	ubushyuhe buterwa n'ihindukamimerere
latitude	umurongo mbariro
latitudinal climate patterns	ibiranga ikirere cyo ku murongo mbariro
lava	amazuku
length	uburebure
liter	litiro
lithosphere	igice cy'inyuma cy'isi
local noon	saa sita y'ahantu
longitude	umurongo muganda
low pressure (aired front)	ingufu z'umwuka nke (ugana imbere)
luster	ukurabagirana
<b>M</b>	
magma	igikoma cy'amazuku
magnetic declination	ukuberama kwa rukuruzi
mantle	igice cyo hagati cy'isi
marine climate	ikirere cyo ku nyanja
maritime polar air mass	uburemere bw'umwuka wo ku nyanja y'impera y'isi
maritime tropical air mass	uburemere bw'umwuka uhehereye wo mu nyanja
mass	uburemere
matter	ikintu gifatika
meander	umugezi wigoronzoye
mean solar day	umunsi w'amasaha makumyabiri n'ane
measurement	ibipimo
meniscus	igice cy'ukwezi
meridian	umurongo uhuza impera z'isi

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
metamorphic rock	urutare ruhindura ishusho
meter	metero
mid-ocean ridge	umwanya wo mu nyanja hagati
milli	ikigihumbi
mineral	umunyungugu
mode	imyunyungugu igize urutare
moisture	ububobere
moho discontinuity	imbibi zo mu isi rwagati
mountain	umusozo
<b>O</b>	
observation	igenzura
occluded front	ihuriro ry'umuyaga ushyushye n'ukonje
ocean floor spreading	ugukwirakwira kw'indiba y'inyanja
orbit	inzira
orbital speed	umuvuduko w'izenguruka
organic	bikomoka ku binyabuzima
original horizontality	uburinganire bw'ubutaka
outcrop	ikirwa
outer core	igice cy'innyuma
oxidation	ukwihuza na ogisijeni
<b>P</b>	
parallel	imirongo iteganye
perihelion	aho isi yegeza izuba
period	igihe
permeability	ubushobozi bwo kwinjirwamo n'amazi
phase	ikiciro
plain	ikibaya
planetary winds	imiyaga yo mu isanzure
plateau	umurambi
plate tectonic theory	ihame ry'imitingito
polar	impera y'isi
Polaris	Inyenyeri yo ku mpera y'isi
pollutants	ibihumanya
porosity	igipimo cy'ibitemba
potential energy	ingufu zishoboka
precipitation	imvura
pressure gradient	igipimo cyo kugabanyuka k'umwuka
primary waves	urujyano rw'ibanze
prime meridian	umurongo mbariro fatizo
<b>R</b>	
radiation	imyuka ihumanya
radioactive balance	urugero rw'imyuka ihumanya
radioactive dating	kugena igihe cy'imyuka ihumanya
radioactive decay	ibyaboze bihumanya
radio telescope	radiyoteretikope



## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
reargue	kongera kuganira
reflection	igarurarumuri
refraction	ihindurakerekezo
refracting telescope	teresikope y'ihindurakerekezo
regolith	igice gitwikiriye urutare
relative age	imyaka isanzwe
relative humidity	ubuhere busanzwe
residual sediment	ibisigazwa byo mu nyanja
resource	umutungo
revolution	ukuzenguruka izuba kw'isi
rock	urutare
rock cycle	uruhererekane rw'urutare
rock formation	ukwirema k'urutare
rock resistance	ugukomera k'urutare
rotation	izenguruka
runoff	amazi atemba
<b>S</b>	
salinity	urugero rw'umunyu
saturation	ubwuzurirane
scalar field	isanondangagaciro y'isanzure
season	igihe
secondary wages	ibindi bihembo
sediments	ibyasakumwe
sedimentary rocks	ibitare byasakumwe
seismic waves	imbaraga z'umutingito
senses	ibyumviro
silicon-oxygen tetrahedron	ikinyampandenye cya silikoni na ogisijeni
sink (energy)	ukwika (ingufu)
seismograph	seyisimometero
slope	agacuri
soil horizon	agace k'ubutaka
soil profile	imiterere y'ubutaka
soil storage	ububiko bw'ubutaka
solar noon	izuba rya saa sita
solar system	izuba n'ibirizenguruka
solid	gikomere
solidification	gukomeza
solstices	ibihe by'imboneko z'izuba
sorting of sediments	gutandukanya ibyasakumwe
source (energy)	isoko (ingufu)
source (region)	isoko (agace)
specific heat	ubushyuhe bwihariye
species	ubwoko
stationary front	imbibi z'umwuka utava aho uri
strata	utwugara
streak	umurabyo
stream bed	inzira y'umugezi

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
stream discharge	aho umugezi usuka
subsidence	kwika k'ubutaka
sundial	impimagihe zuba
sublimation	guhinduka umwuka
superposition	igerekeranya
surplus	inyongera
suspension	ihagarikwa
syncline	umwobo
<b>T</b>	
technology	ikoranabuhanga
tectonics	imitingito
temperature	ubushyuhe
terrestrial motions	imiyengo y'isi
texture	imisusire
tilted strata	utwugara tuberamye
time	igihe
topographic map	ikarita y'imiterere y'ahantu
track	gukurikira
transformation	impinduka
transition	inzibacyuho
transpiration	ukubira ibyuya
transport	ugutwara
transporting system	uburyo bwo gutwara
transverse wave	urujyano rwambukiranya
<b>U</b>	
ultraviolet	imirase yangiza
uplifting force	imbaraga zizamura
uranium	iraniyumu
usage	imikoreshereze
<b>V</b>	
valley glacier	akabande ka barafu
vapor	umwuka
vapor pressure	imbaraga z'umwuka
variable	impinduragaciro
vector field	umwanya wa mujyana
vein	umugarura
vertical	mpagarike
visible light spectrum	umwanya w'urumuri rugaragara
visibility	imigaragarire
volcano	ikirunga
volcanic ash	ivu ry'ikirunga
volume	ubunini

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
<b>W</b>	
waning	ikendera
warm front	aho umwuka ushyushye ukonjera
water budget	ingengo y'imari y'amazi
water cycle	urugendo rw'amazi
water purification	itunganywa ry'amazi
water shed	umuvumba w'amazi
water table	ikizenga cy'amazi
water vapor	umwuka uva mu mazi
wavelength	ubureburejwi
waxing	ukuzora k'ukwezi
weather prediction	iteganyagihe ry'ikirere
weathering	imiterere y'ikirere
weight	uburemere
wind	umuyaga
<b>Y</b>	
year	umwaka