

# Glossary

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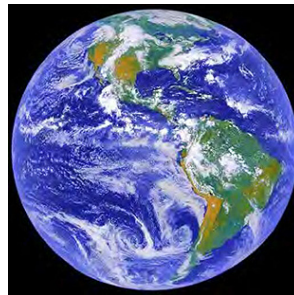
**High School Level**

## Physical Setting & Earth Science Glossary

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**English / Tagalog**

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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**  
**GLOSARYO NG PANLUPANG AGHAM - HIGH SCHOOL NA ANTAS**

ENGLISH / INGLES	TAGALOG
<b>A</b>	
abrasion	abrasion
absolute age	absolute age
absolute humidity	absolute humidity
absolute zero	absolute zero
absorption	absorption
acid	asido
acid rain	acidong ulan
acid test	acid test
actual evapotranspiration	aktual na evapotranspiration
adiabatic temperature change	adiabatic na pagbabago ng temperatura
aeration	aeration
aerobic bacteria	aerobic na bacteria
aerosol	aerosol
air mass	mass ng hangin
air pressure	pressure ng hangin
alkaline	alkaline
alluvial fan	alluvial fan
altitude	altitude
anemometer	anemometer
anaerobic bacteria	anaerobic na bacteria
angle of isolation	anggulo ng isolation
annual eclipse	taunang eclipse
aphelion	aphelion
apogee	apogee
apparent daily motion	apparent na araw-araw na paggalaw
apparent magnitude	apparent na magnitude
apparent planetary diameter	apparent na dyametro ng planeta
arete	arete
arid	arid
ash	abo
atmosphere	atmosphere
atmospheric pressure	atmospheric pressure
atmospheric variables	atmospheric variables
<b>B</b>	
barometer	barometro

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**GLOSARYO NG PANLUPANG AGHAM - HIGH SCHOOL NA ANTAS**

<b>ENGLISH / INGLES</b>	<b>TAGALOG</b>
barometric pressure	barometric pressure
barrier beach	barrier beach
basin	basin
bed load	bed load
bedrock	bedrock
bench mark	sukatan
boulder	boulder
<b>C</b>	
calorie	calorie
canyon	canyon
capillary	capillary
carbon dating	carbon dating
celestial object	celestial object
carrying power	carrying power
cementation	cementation
centrifugal force	centrifugal force
chemical weathering	chemical weathering
chlorofluorocarbons	chlorofluorocarbons
cirque	cirque
clay	clay
cleavage	cleavage
climate	klima
cloud	ulap
cold front	cold front
colloids	colloids
compound	compound
compression	compression
compression wave	compression wave
condensation	condensation
conduction	conduction
conservation of energy	conservation ng enerhiya
continental drift	continental drift
continental plate	continental plate
continental climate	continental climate
continental shelf	continental shelf
continental tropical air mass	continental tropical air mass
contact metamorphism	contact metamorphism
conservation	conservation
convection	convection
convectonal cell	convectonal cell
convector	convector
converge	converge
coordinate system	coordinate na sistema
core	core
Coriolis effect	Coriolis effect

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ENGLISH / INGLES	TAGALOG
correlation	correlation
crater	crater
crust	crust
crystal	kristal
cyclic change	cyclic change
cyclone	cyclone
<b>D</b>	
daily motion	araw-araw na paggalaw
deficit	deficit
degree	degree
delta	delta
density	density
deposit	deposito
desert	disyerto
desertification	desertification
Devonian Period	Devonian Period
dew	dew
dew point temperature	dew point na temperatura
dike	dike
dinosaur	dinosaur
direct ray	direct ray
discharge	discharge
displacements sediments	nagalaw na mga latak
distorted structure	distorted na istruktura
divergence	divergence
Doppler effect	Doppler effect
drainage	drainage
drumlin	drumlin
dry bulb thermometer	tuyong bulb na termometro
duration of insolation	duration of insolation
dust storm	dust storm
dynamic equilibrium	dynamic equilibrium
<b>E</b>	
earthquake	lindol
eccentricity	eccentricity
electromagnetic energy	electromagnetic na enerhiya
element	element
eclipse	eclipse
elliptical	elliptical
energy	enerhiya
epicenter	epicenter
equilibrium	equilibrium
equinox	equinox
erosion	erosion

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ENGLISH / INGLES	TAGALOG
escarpment	escarpment
esker	esker
eutrophication	eutrophication
evaporation	evaporation
<b>F</b>	
fault	fault
field	field
focus	focus
folded strata	folded strata
fossil	fossil
fracture	fracture
friction	friction
front	front
<b>G</b>	
geocentric model	geocentric na modelo
geographic poles	geographic poles
geologic time scale	geologic time scale
geosyncline	geosyncline
glacier	glacier
graded bedding	graded bedding
gradient	gradient
gravity	gravity
gram	gramo
greenhouse effect	greenhouse effect
groundwater	groundwater
<b>H</b>	
half life	half life
heat energy	heat energy
heat of fusion	init ng fusion
heat of vaporization	init ng vaporization
heliocentric model	heliocentric na modelo
high pressure	high pressure
horizontal	horizontal
horizontal sorting	horizontal sorting
humidity	pagka-umido
hydrosphere	hydrosphere
hypothesis	hypothesis
<b>I</b>	
ice	yelo
igneous rock	igneous na bato
impermeable index fossil	impermeable index fossil
infiltration	infiltration
inner core	inner core

**EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL**  
**GLOSARYO NG PANLUPANG AGHAM - HIGH SCHOOL NA ANTAS**

ENGLISH / INGLES	TAGALOG
insolation	insolation
interface	interface
intrusion	intrusion
Intrusive igneous rock	Intrusive igneous na bato
ionosphere	ionosphere
isobar	isobar
isoline	isoline
isostasy	isostasy
isotherm	isotherm
isotope	isotope
<b>J</b>	
jet stream	jet stream
joint	joint
<b>K</b>	
kame	kame
kettle	kettle
kinetic energy	kinetic energy
Kepler’s Law of Motion	Kepler’s Law of Motion
<b>L</b>	
landscape	landscape
latent heat	latent na init
latitude	latitude
latitudinal climate patterns	latitudinal na mga pattern ng klima
lava	lava
length	haba
liter	liter
lithosphere	lithosphere
local noon	lokal na tanghali
longitude	longitude
low pressure (aired front)	low pressure (aired front)
luster	luster
<b>M</b>	
magma	magma
magnetic declination	magnetic declination
mantle	mantle
marine climate	marine climate
maritime polar air mass	maritime polar air mass
maritime tropical air mass	maritime tropical air mass
mass	masa
matter	matter
meander	meander
mean solar day	mean solar day
measurement	measurement

**EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL**  
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ENGLISH / INGLES	TAGALOG
meniscus	meniscus
meridian	meridian
metamorphic rock	metamorphic rock
meter	metro
mid-ocean ridge	mid-ocean ridge
milli	milli
mineral	mineral
mode	mode
moisture	moisture
moho discontinuity	moho discontinuity
mountain	bundok
<b>O</b>	
observation	obserbasyon
occluded front	occluded front
ocean floor spreading	ocean floor spreading
orbit	orbit
orbital speed	bilis ng pag-orbit
organic	organic
original horizontality	original horizontality
outcrop	outcrop
outer core	outer core
oxidation	oxidation
<b>P</b>	
parallel	parallel
perihelion	perihelion
period	period
permeability	permeability
phase	phase
plain	plain
planetary winds	planetary winds
plateau	plateau
plate tectonic theory	plate tectonic na teorya
polar	polar
Polaris	Polaris
pollutants	pollutants
porosity	porosity
potential energy	potential energy
precipitation	precipitation
pressure gradient	pressure gradient
primary waves	primary waves
prime meridian	prime meridian
<b>R</b>	
radiation	radiation
radioactive balance	radioactive na balanse



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<b>ENGLISH / INGLES</b>	<b>TAGALOG</b>
radioactive dating	radioactive dating
radioactive decay	radioactive decay
radio telescope	radyo na teleskopyo
reargue	reargue
reflection	reflection
refraction	refraction
refracting telescope	refracting na teleskopyo
regolith	regolith
relative age	relative age
relative humidity	relative humidity
residual sediment	residual sediment
resource	resource
revolution	rebolusyon
rock	bato
rock cycle	rock cycle
rock formation	rock formation
rock resistance	rock resistance
rotation	pag-ikot
runoff	runoff
<b>S</b>	
salinity	kaalatan
saturation	saturation
scalar field	scalar field
season	season
secondary wages	secondary wages
sediments	mga sediment
sedimentary rocks	sedimentary na mga bato
seismic waves	seismic waves
senses	senses
silicon-oxygen tetrahedron	silicon-oxygen tetrahedron
sink (energy)	sink (enerhiya)
seismograph	seismograph
slope	slope
soil horizon	horizon ng lupa
soil profile	profile ng lupa
soil storage	imbakan ng lupa
solar noon	solar noon
solar system	solar system
solid	solido
solidification	solidification
solstices	solstices
sorting of sediments	pag-uuri ng mga sediment
source (energy)	source (enerhiya)
source (region)	source (rehiyon)
specific heat	specific heat
species	species

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<b>ENGLISH / INGLES</b>	<b>TAGALOG</b>
stationary front	stationary front
strata	strata
streak	streak
stream bed	stream bed
stream discharge	stream discharge
subsidence	subsidence
sundial	sundial
sublimation	sublimation
superposition	superposition
surplus	surplus
suspension	suspension
syncline	syncline
<b>T</b>	
technology	teknolohiya
tectonics	tectonics
temperature	temperatura
terrestrial motions	mga pagkilos ng lupa
texture	texture
tilted strata	tilted strata
time	oras
topographic map	topographic na mapa
track	track
transformation	transpormasyon
transition	transition
transpiration	transpiration
transport	i-transport
transporting system	sistema ng pag-transport
transverse wave	transverse wave
<b>U</b>	
ultraviolet	ultraviolet
uplifting force	papataas na puwersa
uranium	uranium
usage	paggamit
<b>V</b>	
valley glacier	valley glacier
vapor	singaw
vapor pressure	pressure ng singaw
variable	maaring magbago
vector field	vector field
vein	ugat
vertical	patayo
visible light spectrum	nakikitang liwanag na spectrum
visibility	kakayahang makita
volcano	bulkan

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<b>ENGLISH / INGLES</b>	<b>TAGALOG</b>
volcanic ash	abo ng bulkan
volume	volume
<b>W</b>	
waning	lumiliit
warm front	warm front
water budget	budget sa tubig
water cycle	siklo ng tubig
water purification	puripikasyon ng tubig
water shed	water shed
water table	water table
water vapor	water vapor
wavelength	wavelength
waxing	lumalaki
weather prediction	pagtaya ng panahon
weathering	weathering
weight	timbang
wind	hangin
<b>Y</b>	
year	taon