

# Glossary

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## High School Level

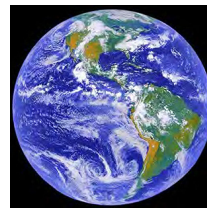
# Physical Setting & Earth Science Glossary

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## English | Malay

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	MALAY
<b>A</b>	
abrasion	lelasan
absolute age	umur mutlak
absolute humidity	kelembapan mutlak
absolute zero	sifar mutlak
absorption	penyerapan
acid	asid
acid rain	hujan asid
acid test	ujian asid
actual evapotranspiration	penyejatpeluhan
adiabatic temperature change	perubahan suhu adiabat
aeration	pengudaraan
aerobic bacteria	bakteria aerob
aerosol	aerosol
air mass	jisim udara
air pressure	tekanan udara
alkaline	beralkali
alluvial fan	kipas aluvium
altitude	altitud, ketinggian
anemometer	anemometer
anaerobic bacteria	bakteria anaerob
angle of isolation	sudut pengasingan, sudut pemencilan
annual eclipse	gerhana tahunan
aphelion	afelion
apogee	apogi
apparent daily motion	gerakan harian ketara
apparent magnitude	magnitud ketara
apparent planetary diameter	diameter planet ketara
arete	aret
arid	gersang
ash	abu
atmosphere	atmosfera
atmospheric pressure	tekanan atmosfera
atmospheric variables	pemboleh ubah atmosfera

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MALAY
<b>B</b>	
barometer	barometer
barometric pressure	tekanan barometer
barrier beach	pantai sawar
basin	besen, lembangan
bed load	beban dasar
bedrock	batuan dasar
bench mark	tanda aras
boulder	batu tongkol
<b>C</b>	
calorie	kalori
canyon	ngarai
capillary	kapilari, rerambut
carbon dating	pentarikhan karbon
celestial object	objek cakerawala
carrying power	kuasa membawa
cementation	penyimenan, perekatan
centrifugal force	daya emparan
chemical weathering	luluhawa kimia
chlorofluorocarbons	klorofluorokarbon
cirque	sirk
clay	tanah liat, lempung
cleavage	sigaran, belahan
climate	iklim
cloud	awan
cold front	perenggan sejuk
colloids	koloid
compound	majmuk, sebatian
compression	mampatan, pemampatan
compression wave	gelombang mampatan
condensation	pemeluwapan
conduction	konduksi, pengaliran
conservation of energy	pemuliharaan tenaga
continental drift	hanyutan benua
continental plate	keping benua
continental climate	iklim benua
continental shelf	pentas benua
continental tropical air mass	jisim udara tropika kebenuaan
contact metamorphism	metamorfisme sentuh
conservation	pemuliharaan
convection	perolakan
convectonal cell	sel perolakan
convector	pengolak
converge	bertumpu, menumpu
coordinate system	sistem koordinat

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MALAY
core	teras
Coriolis effect	kesan Coriolis
correlation	korelasi
crater	kawah
crust	kerak
crystal	hablur
cyclic change	perubahan berkitar
cyclone	siklon, puting beliung
<b>D</b>	
daily motion	gerakan harian
deficit	defisit, kurangan
degree	darjah
delta	delta
density	kepadatan, ketumpatan
deposit	deposit, mendapan
desert	gurun
desertification	penggurunan
Devonian Period	Zaman Devon
dew	embun
dew point temperature	suhu takat embun
dike	daik
dinosaur	dinosaur
direct ray	sinar terus
discharge	lelehan, nyahcas
displacements sediments	enapan sesaran
distorted structure	struktur terherot
divergence	kecapahan, capahan
Doppler effect	kesan Doppler
drainage	saliran
drumlin	drumlin
dry bulb thermometer	termometer bebuli kering
duration of insolation	tempoh insolasi
dust storm	ribut debu
dynamic equilibrium	keseimbangan dinamik
<b>E</b>	
earthquake	gempa bumi
eccentricity	kesipian, keeksentrikan
electromagnetic energy	tenaga elektromagnet
element	unsur
eclipse	gerhana
eclipse	elips
energy	tenaga
epicenter	epipusat, pusat gempa
equilibrium	keseimbangan
equinox	ekuinox
erosion	hakisan

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MALAY
escarpment	tubiran
esker	esker
eutrophication	eutrofikasi
evaporation	penyejatan
<b>F</b>	
fault	sesar
field	lapangan, medan
focus	fokus
folded strata	strata berlipat
fossil	fosil
fracture	retak, retakan
friction	geseran
front	depan, perenggan
<b>G</b>	
geocentric model	model geopusat
geographic poles	kutub geografi
geologic time scale	skala masa geologi
geosyncline	geosinklin
glacier	glasier
graded bedding	perlapisan berperingkat
gradient	kecerunan, cerun
gravity	graviti
gram	gram
greenhouse effect	kesan rumah tanaman, kesan rumah hijau
groundwater	air tanah
<b>H</b>	
half life	separuh hayat, setengah hayat
heat energy	tenaga haba
heat of fusion	haba pelakuran
heat of vaporization	haba pengewapan
heliocentric model	model heliosentrik
high pressure	tekanan tinggi
horizontal	mendatar, mengufuk
horizontal sorting	pengisihan mengufuk
humidity	kelembapan
hydrosphere	hidrosfera
hypothesis	hipotesis
<b>I</b>	
ice	ais
igneous rock	batuan igneus
impermeable index fossil	fosil indeks tak telap
infiltration	penyusupan
inner core	teras dalam
insolation	insolasi

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MALAY
interface	antara muka
intrusion	perejahan
Intrusive igneous rock	batuan igneus rejahan
ionosphere	ionosfera
isobar	isobar
isoline	isogaris
isostasy	isostasi
isotherm	isoterma
isotope	isotop
<b>J</b>	
jet stream	arus jet
joint	sendi
<b>K</b>	
kame	kame
kettle	cerek
kinetic energy	tenaga kinetik
Kepler's Law of Motion	Hukum Gerakan Kepler
<b>L</b>	
landscape	landskap
latent heat	haba pendam
latitude	latitud, garis lintang
latitudinal climate patterns	corak iklim latitud
lava	lava
length	panjang
liter	liter
lithosphere	litosfera
local noon	tengah hari tempatan
longitude	longitud, garisan bujur
low pressure (aired front)	tekanan rendah (disiarkan hadapan)
luster	kilau
<b>M</b>	
magma	magma
magnetic declination	pesongan magnet
mantle	mantel
marine climate	iklim kelautan
maritime polar air mass	kumpulan udara kutub kelautan
maritime tropical air mass	kumpulan udara tropika kelautan
mass	jisim
matter	jirim
meander	meander
mean solar day	min hari suria
measurement	pengukuran, ukuran
meniscus	meniskus
meridian	meridian

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MALAY
metamorphic rock	batuan metamorf
meter	meter
mid-ocean ridge	permatang tengah lautan
milli	mili
mineral	mineral
mode	cara, mod
moisture	lembapan, kelembapan
moho discontinuity	ketakselajaran moho
mountain	gunung
<b>O</b>	
observation	pencerapan, cerapan
occluded front	perenggan oklusi
ocean floor spreading	perebakan dasar lautan
orbit	orbit
orbital speed	kelajuan orbit
organic	organik
original horizontality	keufukan asal
outcrop	singkapan
outer core	teras luar
oxidation	pengoksidaan
<b>P</b>	
parallel	selari
perihelion	perihelion
period	tempoh
permeability	kebolehtelapan
phase	fasa
plain	biasa, dataran
planetary winds	angin planet
plateau	penara
plate tectonic theory	teori tektonik plat
polar	kutub
Polaris	Polaris
pollutants	pencemar
porosity	keliangan
potential energy	tenaga keupayaan
precipitation	mendakan, kerpasan
pressure gradient	kecerunan tekanan
primary waves	gelombang primer
prime meridian	meridian perdana
<b>R</b>	
radiation	sinaran
radioactive balance	imbangan radioaktif
radioactive dating	pentarikhkan radioaktif
radioactive decay	susutan radioaktif
radio telescope	teleskop radio



## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MALAY
reargue	berhujah semula
reflection	pantulan
refraction	pembiasan, biasan
refracting telescope	teleskop biasan
regolith	regolitos
relative age	umur relatif
relative humidity	kelembapan relative
residual sediment	endapan sisa
resource	sumber
revolution	kisaran, putaran
rock	batu
rock cycle	kitaran batuan
rock formation	formasi batuan
rock resistance	ketahanan batuan
rotation	putaran, giliran
runoff	larian
<b>S</b>	
salinity	kemasinan
saturation	ketepuan ; tepuan
scalar field	medan skalar
season	musim, mengering
secondary wages	upah sekunder
sediments	endapan, enapan
sedimentary rocks	batuan sedimen
seismic waves	gelombang seismos
senses	deria
silicon-oxygen tetrahedron	tetrahedron silikon-oksigen
sink (energy)	singki (tenaga), penenggelam (tenaga)
seismograph	seismograf
slope	cerun, kelerengan
soil horizon	horizon tanah
soil profile	profil tanah
soil storage	simpanan tanah
solar noon	tengah hari suria
solar system	sistem suria
solid	pepejal
solidification	pemejalan
solstices	solstis
sorting of sediments	pengisihan enapan
source (energy)	punca (tenaga)
source (region)	punca (kawasan)
specific heat	haba tentu
species	spesies
stationary front	perenggan pegun
strata	strata
streak	jalur
stream bed	dasar sungai

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MALAY
stream discharge	kadar alir sungai
subsidence	ambelasan ; amblesan
sundial	jam matahari
sublimation	pemejalwapan
superposition	tindanan, tindihan
surplus	surplus, lebihan
suspension	ampaian
syncline	sinklin
<b>T</b>	
technology	teknologi
tectonics	tektonik
temperature	suhu
terrestrial motions	gerakan daratan
texture	tekstur
tilted strata	strata senget
time	masa
topographic map	peta topografi
track	jejak, jalan
transformation	transformasi, penjelmaan
transition	peralihan
transpiration	transpirasi
transport	pengangkutan, angkutan
transporting system	sistem pengangkutan
transverse wave	gelombang melintang
<b>U</b>	
ultraviolet	ultraungu
uplifting force	daya penjulangan
uranium	uranium
usage	penggunaan, kegunaan
<b>V</b>	
valley glacier	glasier lurah, glasier lembah
vapor	wap
vapor pressure	tekanan wap
variable	pemboleh ubah, berubah
vector field	medan vektor
vein	vena, urat
vertical	tegak ; menegak
visible light spectrum	spektrum cahaya nampak
visibility	kebolehlihatan
volcano	gunung berapi
volcanic ash	abu gunung berapi
volume	isi padu

## EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MALAY
<b>W</b>	
waning	surut, melandai
warm front	perenggan panas
water budget	budget air
water cycle	kitaran air
water purification	penulenan air
water shed	legeh
water table	muka air tanah
water vapor	wap air
wavelength	panjang gelombang
waxing	pelilinan, melilin
weather prediction	ramalan cuaca
weathering	luluhawa
weight	berat
wind	angin
<b>Y</b>	
year	tahun