

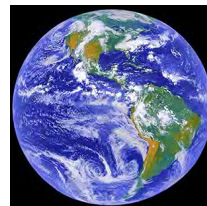
Glossary

High School Level

Physical Setting & Earth Science Glossary

English | Dutch

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

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EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH / ENGELS	DUTCH / NEDERLANDS
A	A
abrasion	abrasie
absolute age	absolute leeftijd
absolute humidity	absolute vochtigheid
absolute zero	absoluut nulpunt
absorption	absorptie
acid	zuur
acid rain	zure regen
acid test	zuurtest
actual evapotranspiration	actuele verdamping
adiabatic temperature change	adiabatische temperatuurswijziging
aeration	aeratie, beluchten
aerobic bacteria	aerobe bacteriën
aerosol	aerosol
air mass	luchtmassa
air pressure	luchtdruk
alkaline	alkalisch, basisch
alluvial fan	puinwaaier
altitude	hoogte, hoogtelijn (driehoek)
anemometer	anemometer
anaerobic bacteria	anaerobe bacteriën
angle of isolation	isolatiehoek
annual eclipse	jaarlijkse eclips
aphelion	aphelium
apogee	apogeum
apparent daily motion	schijnbare dagelijkse beweging
apparent magnitude	schijnbare helderheid
apparent planetary diameter	schijnbare planeetdiameter
arete	bergkam
arid	dor, onvruchtbaar
ash	as, essenhout
atmosphere	atmosfeer
atmospheric pressure	atmosferische druk, luchtdruk
atmospheric variables	atmosferische variabelen
B	B
barometer	barometer
barometric pressure	barometrische druk

EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH / ENGELS	DUTCH / NEDERLANDS
barrier beach	strandwal
basin	bassin, waterbekken, kom
bed load	beddingmateriaal
bedrock	vast gesteente
bench mark	benchmark, maatstaf
boulder	kei, rotsblok
C	C
calorie	calorie
canyon	ravijn
capillary	capillair, haarvat
carbon dating	koolstofdatering
celestial object	hemellichaam
carrying power	draagkracht
cementation	cementatie
centrifugal force	centrifugaalkracht
chemical weathering	chemische verwerking
chlorofluorocarbons	chloorfluorkoolwaterstoffen
cirque	keteldal
clay	klei
cleavage	kloof
climate	klimaat
cloud	wolk
cold front	koudefront
colloids	colloïden
compound	mengsel, (chemische) verbinding, samenstel, samengesteld, gemengd
compression	compressie
compression wave	compressiegolf
condensation	condensatie, condens
conduction	conductie, geleiding
conservation of energy	energiebehoud
continental drift	continentendrift
continental plate	continentale plaat
continental climate	continentaal klimaat, landklimaat
continental shelf	continentaal plat
continental tropical air mass	continentale tropische lucht(massa)
contact metamorphism	contactmetamorfose
conservation	bewaring, behoud
convection	convectie
convective cell	convectiecel
convector	convector
converge	convergeren, samenkomen
coordinate system	coördinatenstelsel
core	kern
Coriolis effect	corioliseffect
correlation	correlatie, verband, wisselwerking
crater	krater

EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH / ENGELS	DUTCH / NEDERLANDS
crust	korst
crystal	kristal
cyclic change	cyclische verandering
cyclone	cycloon
D	D
daily motion	dagelijkse beweging
deficit	tekort, gebrek
degree	graad
delta	delta
density	dichtheid
deposit	storting, afzetting
desert	woestijn
desertification	woestijnvorming
Devonian Period	Devoon-tijdperk
dew	dauw
dew point temperature	dauwpuntstemperatuur
dike	dijk, waterkering
dinosaur	dinosaurus
direct ray	directe straal
discharge	ontlading, uitstorting, afvoer
displacements sediments	sediment van verschuivingen/verplaatsingen
distorted structure	verstoorde structuur
divergence	divergentie, uiteenlopen
Doppler effect	dopplereffect
drainage	afwatering, afvoer
drumlin	drumlin
dry bulb thermometer	drogeboltemperatuur
duration of insolation	insolatieuur
dust storm	stofstorm
dynamic equilibrium	dynamisch evenwicht
E	E
earthquake	aardbeving
eccentricity	excentriciteit
electromagnetic energy	elektromagnetische energie
element	element
eclipse	eclips
elliptical	ellipsvormig, elliptisch
energy	energie
epicenter	epicentrum
equilibrium	evenwicht
equinox	equinox
erosion	erosie
escarpment	binnentalud
esker	esker, smeltwaterrug
eutrophication	eutrofiëring
evaporation	verdamping

EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH / ENGELS	DUTCH / NEDERLANDS
F	F
fault	fout
field	veld
focus	focus
folded strata	gevouwen strata, gevouwen lagen
fossil	fossiel
fracture	breuk
friction	frictie, wrijving
front	front, voorkant
G	G
geocentric model	geocentrisch model
geographic poles	geografische polen
geologic time scale	geologische tijdschaal
geosyncline	geosynclinetheorie
glacier	gletsjer
graded bedding	gegradeerde gelaagdheid
gradient	gradiënt
gravity	zwaartekracht, zwaarte (gewicht), ernst
gram	gram
greenhouse effect	broeikaseffect
groundwater	grondwater
H	H
half life	halveringstijd
heat energy	warmte-energie
heat of fusion	fusiewarmte
heat of vaporization	verdampingswarmte
heliocentric model	heliocentrisch model
high pressure	hoge druk
horizontal	horizontaal
horizontal sorting	horizontale ordening
humidity	vochtigheid
hydrosphere	hydrosfeer
hypothesis	hypothese
I	I
ice	ijs
igneous rock	stollingsgesteente
impermeable index fossil	ondoordringbaar gidsfossiel
infiltration	infiltratie, doorsijpeling
inner core	binnenkern
insolation	insolatie, bezonning
interface	scheidingsvlak
intrusion	intrusie, indringing
Intrusive igneous rock	intrusief stollingsgesteente
ionosphere	ionosfeer

EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH / ENGELS	DUTCH / NEDERLANDS
isobar	isobaar
isoline	isolijn
isostasy	isostasie
isotherm	isotherm
isotope	isotoop
J	J
jet stream	jetstroom
joint	gewricht verbinding
K	K
kame	kame
kettle	ketel
kinetic energy	kinetische energie
Kepler's Law of Motion	wetten van Kepler
L	L
landscape	landschap
latent heat	latente warmte
latitude	latitude, geografische breedte, klimaatgordel
latitudinal climate patterns	latitudinale klimaatpatronen
lava	lava
length	lengte
liter	liter
lithosphere	lithosfeer
local noon	lokale middag
longitude	longitude, geografische lengte
low pressure (aired front)	lage druk (luchtfront)
luster	schittering
M	M
magma	magma
magnetic declination	magnetische declinatie
mantle	mantel
marine climate	zeeklimaat, maritiem klimaat
maritime polar air mass	maritiem polaire lucht(massa)
maritime tropical air mass	maritiem tropische lucht(massa)
mass	massa
matter	materie
meander	meander
mean solar day	gemiddelde zonnedag
measurement	meting
meniscus	meniscus
meridian	meridiaan
metamorphic rock	metamorfe gesteente
meter	meter
mid-ocean ridge	mid-oceanische rug
milli	milli

EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH / ENGELS	DUTCH / NEDERLANDS
mineral	mineraal
mode	modus
moisture	vocht
moho discontinuity	moho-discontinuïteit
mountain	berg
O	O
observation	waarneming
occluded front	occlusiefront
ocean floor spreading	zeebodemspreiding
orbit	omloop, baan
orbital speed	orbitale snelheid
organic	organisch
original horizontality	oorspronkelijke horizontaliteit
outcrop	dagzomende aardlaag/ader
outer core	buitenkern
oxidation	oxidatie
P	P
parallel	parallel
perihelion	perihelium
period	periode, tijdperk
permeability	permeabiliteit, doorlaatbaarheid
phase	fase
plain	vlakte
planetary winds	planeetwinden
plateau	plateau
plate tectonic theory	plaattektoniek (theorie)
polar	polair, van de poolstreek
Polaris	Polaris, de Poolster
pollutants	(milieu)verontreinigende stoffen
porosity	porositeit
potential energy	potentiële energie
precipitation	precipitatie, neerslag
pressure gradient	drukgradiënt
primary waves	primaire golven
prime meridian	nulmeridiaan
R	R
radiation	straling, radiatie
radioactive balance	radioactieve balans
radioactive dating	radioactieve datering
radioactive decay	radioactief verval
radio telescope	radiotelescoop
reargue	herargumenteren
reflection	reflectie, spiegeling
refraction	refractie, (straal)breking
refracting telescope	refractor (telescoop)

EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH / ENGELS	DUTCH / NEDERLANDS
regolith	regoliet
relative age	relatieve leeftijd
relative humidity	relatieve vochtigheid
residual sediment	overgebleven sediment
resource	bron, (hulp)middel
revolution	revolutie
rock	gesteente
rock cycle	gesteentecyclus
rock formation	rotsformatie
rock resistance	rotsweerstand
rotation	draaiing, rotatie
runoff	afvloeiing
S	S
salinity	saliniteit, zoutgehalte
saturation	verzadiging
scalar field	scalair veld
season	seizoen
secondary wages	stralingsbalans, stralingsevenwicht
sediments	sedimenten, afzetting
sedimentary rocks	sedimentaire gesteenten
seismic waves	seismische golven
senses	zintuigen, aanvoelen
silicon-oxygen tetrahedron	silicium-zuurstof tetraëder
sink (energy)	put (energie)
seismograph	seismograaf
slope	helling(sgraad)
soil horizon	bodemhorizont
soil profile	bodemprofiel
soil storage	bodemopslag
solar noon	hoogste zonnestand
solar system	zonnestelsel
solid	vast, solid
solidification	solidificatie
solstices	zonnewendes
sorting of sediments	ordering van sedimenten
source (energy)	bron (energie)
source (region)	bron (regio)
specific heat	specifieke warmte
species	species, soorten
stationary front	stationair front
strata	strata, lagen
streak	streep(kleur)
stream bed	stroombedding, rivierbedding
stream discharge	stromingsdebiet
subsidence	bezinking, bodemdaling
sundial	zonnewijzer
sublimation	sublimatie

EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH / ENGELS	DUTCH / NEDERLANDS
superposition	superpositie
surplus	overschot
suspension	suspensie
syncline	syncline
T	T
technology	technologie
tectonics	tektoniek
temperature	temperatuur
terrestrial motions	bewegingen van de aarde
texture	textuur
tilted strata	gekantelde strata, gekantelde lagen
time	tijd
topographic map	topografische kaart
track	traject, spoor
transformation	transformatie
transition	transitie
transpiration	transpiratie, zweten, verdamping (van bladeren)
transport	transport, vervoer
transporting system	transportsysteem
transverse wave	transversale golf
U	U
ultraviolet	ultraviolet
uplifting force	opheffende kracht
uranium	uranium
usage	gebruik
V	V
valley glacier	valleigletsjer
vapor	damp
vapor pressure	dampspanning, dampdruk
variable	variabele, variabel
vector field	vectorveld
vein	ader
vertical	verticaal
visible light spectrum	zichtbaar lichtspectrum
visibility	zichtbaarheid
volcano	vulkaan
volcanic ash	vulkanische as
volume	volume
W	W
waning	afnemend, vermindering (maan)
warm front	warmtefront
water budget	waterbudget
water cycle	waterkringloop
water purification	waterzuivering

EARTH SCIENCE GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH / ENGELS	DUTCH / NEDERLANDS
water shed	waterscheiding
water table	watertafel
water vapor	waterdamp
wavelength	golflengte
waxing	wassend
weather prediction	weersvoorspelling
weathering	verwering
weight	gewicht
wind	wind
Y	Y
year	jaar