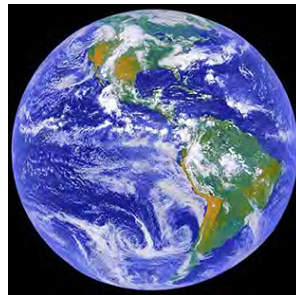


Glossary

High School Level Physical Setting & Earth Science Glossary

English / Bosnian



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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Physical Setting Earth Science

A

English - Bosnian

abrasion – fizičko trošenje, abrazija, nagrizanje	apparent path - vidljiva putanja
absolute age - procjenjena starost	apparent positions of the constellations – vidljiva pozicija sazvježđa
access - pristup	artificial satellite – vještački satelit
accuracy – tačnost	asteroid - asteroid
actual observations - aktuelno posmatranje	asteroid impacts - asteroidni udar
age relationships - starosni odnosi	asthenosphere - astenosfera
agents of erosion - uzrok erozije	astronomy - astronomija
air mass – vazдушna masa	atmosphere - atmosfera
air pressure – vazdušni pritisak	atmospheric carbon dioxide - atmosferski karbon dioksid
air temperature – vazдушna temperatura	atmospheric circulation – atmosferska cirkulacija
algebraic - algebarski	atmospheric cross-section – atmosferska ukrštanja
algebraic equations - algebarske jednačine	atmospheric data – atmosferski podaci
altitude of Polaris - nadmorska visina Polaris	atmospheric transparency – atmosferska poroznost
analysis - analiza	attraction – atraktivnost
analyze - analiziran	axis - osovina
anemometer - anemometar	
angle of incidence - ugao frekvencije	
annual traverse of the constellations- godišnje krstarenje u sazvezdju	
apparent - vidljivo	
apparent motion - vidljivo kretanje	
apparent motion of the planets – vidljivo kretanje planeta	

B

English - Bosnian

barometer – barometar

barrier island – pješčano ostrvo

bedrock – kamena podloga

bedrock grooves – pecine od čvstog kamena

Big Bang Theory – Big Bang teorija

biological activity – biološka aktivnost

blizzards – mećave

C

English - Bosnian

calorimeter – kalorimetar	cloud formation – formiranje oblaka
capillary – kapilari	cold fronts – hladni front
celestial – nebeski	collate – srediti
celestial body – nebesko tijelo	collating – sređivanje
celestial motions – pomjeranja na nebu	collect information (verb) – sakupljanje informacija
celestial object – objekt na nebu	collecting – sakupljanje
celestial phenomenon – nebeski fenomen	color – boja
changing length of a shadow – promjena dužine sjene	combine - kombinovati
channel - kanal	comet - kometa
channel shape - oblik kanala	commonalties - sličnosti
charts - dijagrami	community - komuna
chemical composition - hemijska kompozicija	competing products - konkurentski proizvodi
chemical property - hemijska svojina	composition - sastav
chemical reaction - hemijska reakcija	compound - smjesa
circulation - cirkulacija	conduction - vladanje
classification - klasifikacija	conservation of Earth resources - očuvanje zemaljskih resursa
cleavage - mineralno raspadanje	constant - stalan
climate - klima	constellations - sazveždje
climate variations - klimatske promjene	construct - konstruktivan
cloud – oblak	construction - konstrukcija
cloud cover – naoblačenje	consumer decision making – potrošačka odluka

Physical Setting Earth Science

consumer product data – proizvodni podatci za potrošača	crustal down-warping - kristalno ukrštanje
contact metamorphism – kontaktna kristalizacija	crystal - kristal
continental crust – kontinentalna kora	crystal shape – oblik kristala
contour map – konturna mapa	crystal structure – struktura kristala
convection – sjedinjavanje	crystallization - kristalizacija
convective – sjedinjen	current theories – vazeće teorije
convective circulation – zajednički protok	cycle - ciklus
convergent – zajednički	cyclic – cikličan
convergent plate boundary – zajedničko granično postolje	cyclic changes – ciklusne promjene
coordinate system – koordinatni sistem	cyclonic system – ciklični sistem
Coriolis effect – Coriolis efekat	
cosmic – kosmos	
cosmic background – kosmička pozadina	
cosmic radiation – kosmička radijacija	
cost/benefit tradeoffs – koštanje/benefit razmjene	
course of action – smjer akcije	
crater - krater	
criteria within constraints – kriteriji pod pritiskom (prinudom)	
cross-cutting – poprečni presjek	
cross-cutting relationship – starost u poprečnom presjeku	
cross-section – poprečna sekcija	
crust - kora	

D

English - Bosnian

daily cycle – dnevni ciklus	discharge – otpuštanje
day – dan	distances – rastojanja
day length – dužina dana	disturbances – poremećaji
debate – rasprave	divergent – različit
debris – ruševine	divergent plate boundary – različite granične ploče
decay – raspadanje	Doppler effect – Dopler efekat
deductive – oduzimanje	downslope - strmina
deforestation – deforestacija, sječa sume	drainage – drenaža
deformation of rocks – deformacija kamena	drumlins – dugi greben
degree of saturation – stepen zasićenosti	dune – pješčani brežuljak
delta – delta	dynamic – dinamičan
density – gustina	dynamic equilibrium – dinamična ravnoteža
dependent variable – zavisne promjene	dynamic geologic system – dinamični geoloski sistem
deposition – svjedočanstvo	dynamic process – dinamični proces
depositional basin – slojevi u uvalama	
depositional-erosional system – svjedočanstvo erozivnih sistema	
design – dizajn	
dewpoint – tačka rosista	
diagrams – dijagrami	
direct – direktno	
disasters – katastrofe	

Physical Setting Earth Science

E

English- Bosnian

early warning system – sistem ranog upozorenja	electronic references – elektronske reference
earth - zemlja	element – element
earth Science Reference Tables – referencne sistemske liste nauke o zemlji	elevation – podizanje
earth systems – zemaljski sistemi	ellipse – elipsa
earthquake - zemljotres	emergency action plan – hitni akcioni plan
earthquake epicenter – epicentar zemljotresa	emergency preparedness – hitne pripreme
earthquake magnitude – jačina zemljotresa	energy – energija
earth's plates – zemljine ploče	energy generation plan – plan proizvodnje energije
earth's rotation – zemljino okretanje	energy transfer – prenos energije
eccentricities – odstupanja	engine – mašina
eccentricity - odstupanje	engineering – mašinski
eclipse – pomračenje	environment – priroda
economic impacts – ekonomski uticaji	environmental balance – prirodni balans
economics – ekonomski	environmental consideration – prirodno razmatranje
effective work habits – efektivne radne sposobnosti	environmental impacts – prirodni uticaj
efficient - djelotvoran	environmental implications – prirodno miješanje
El Niño – El Ninjo	Epicenter - epicentar
electromagnetic spectrum – elektromagnetni spektar	equality of change – jednakost razmjene
electronic communications networks – elektrokomunikacijska mreža	equations - jednakost
electronic information – elektronske informacije	equator – ekvador
electronic materials – elektronski materijal	equilibrium – ravnoteža

Physical Setting Earth Science

ergonomics – ergonomija

erosion - erozija

erosional situation – erozijsko stanje

escarpment – klizište

ethical – etički

evaporation - isparavanje

event – događaj

evolution – evolucija

experimental design – eksperimentalni dizajn

experimenting - eksperimentisanje

explanation – objašnjenje

exponential function – eksponencijalna
funkcija

extinction – izumiranje

extrapolate - procjena

F

English- Bosnian

feedback – povratna veza

finger lake – grupa uskih jezera

flood – poplava

flowcharts - dijagram

foci - fokus

force of gravity – sila gravitacije

fossil - fosil

fossil evidence – postojanje fosila

fossil fuels- fosilna goriva

foucault pendulum – foucault pendulum

foundations - podloga

fracture - slom

frequency - frekvencija

front - front

frontal boundary – prednja granica

fusion - spajanje

G

English - Bosnian

galaxy - galaksija	gravitational attraction – gravitaciona atrakcija
gas – gas	gravitational force – sila gravitacije
gaseous – substanca gasa	gravity – gravitacija
gathering and processing information – skupljanje i obrada informacija	greenhouse gas – staklenički gas
gauge - mjera	grooves – pećine
generating and analyzing ideas – kreiranje i analiziranje ideja	groundwater – podzemna voda
geocentric model – geocentrični model	grouping - grupisanje
geologic hazard – geološki hazard	
geologic history – geološka istorija	
geologic time – geološko vrijeme	
geometric - geometrija	
glacier – glečer	
global - globalan	
global climate – svjetska klima	
global distribution – svjetska raspodjela	
global scale – globalna skala	
global temperature zones – globalne zonske temperature	
global warming – globalna temperatura	
gradient – mjerač	
graphic - grafika	
graphs – grafički	

H

English- Bosnian

hail – grad, krupa

half-life – polovično raspadanje

hardness – tvrdoća

hazard – opasan

heat – grijanje

heat budget – budžet grijanja

heat energy – energija grijanja

heliocentric model – heliocentrični model

hot spot – vrući dio

human activities – ljudske aktivnosti

humidity – vlažnost

hurricane - uragan

hydrosphere - hidrosfera

hypotheses – hipoteze, pretpostavke

I

English- Bosnian

ice age – ledeno doba	insolation – sunčani udar
identify patterns – prepoznatljivi uzoraci	interdisciplinary problems – višedisciplinski problemi
igneous – žar	Interface – uređaj
igneous rock formation – formacija užarenog kamenja	internet - internet
Impact - udar	interpolate - umetanje
impact crater – rupa od udara	interpret - predstavljanje
impact event – događaj sudara	interpret data – tumačenje podataka
impacts of information systems – uticaj informacionih sistema	interpretation – tumačenje
Inclusions – uključenja	interrelate – međusobno povezati
independent variable – nezavisna promjenljiva	interrelationship – međuodnosi
index fossils – upoređujući fosili	isobar - izobar
indirect - indirektno	isoline map – izogramska mapa
inductive – uveden	isolines – izogram
inertia - inercija	isotope - izotopi
infiltration - prodiranje	
information technology – informaciona tehnologija	
informed decisions – odlučno upoznavanje	
inner core – unutrašnja opna	
inorganic - neorganski	
inorganic solid element – neorganski tvrdi elementi	
inquiry into phenomena – istraživanje fenomena	

J

English- Bosnian

jet stream – polarna vazдушna struja

Jovian planets – Jupiterove planete

K

English- Bosnian

kettle lake – isparavajuće jezero

L

English- Bosnian

laboratory - laboratorija

laboratory conclusion – laboratorijski
zaključak

lake - jezero

land mass – masa zemlje

land use – korištena zemlja

landform – zemljane formacije

landscape features – pejzažne ljepote

latitude – geografska širina

length of a shadow – dužina sjene

library investigations – knjižna istraga

library references – bibliotetske reference

life-form – forma života

light elements – laki elementi

limitations of information systems –
ograničenja informacionih sistema

literature review – pregled literature

lithosphere - litosfera

lithospheric plates – litosferski slojevi

local energy needs – lokalne energo potrebe

longitude – geografska dužina

long-wave energy – dugotalasna energija

luster - bljesak

M

English- Bosnian

machine – mašina	meteoric debris – meteorska prašina
magma - magma	middle latitude – srednja sirina
magnetic patterns – magnetski uzorci	mid-ocean ridge – atlantski grebeni
magnitude – veličina	Milky Way – Mliječni Put
make predictions(verb) – predviđanje	mineral - mineral
making connections – uspostavljanje veza	mineral content – sadržaj minerala
mantle - pokrivac	mineral resources – mineralni izvori
map - mapa	miscommunication - nevezanost
marine origin – morsko porijeklo	misconceptions - nekorektnost
mass - masovni	mitigating natural hazards – ublažavanje prirodne opasnosti
mass extinction – masovno izumiranje	mixture – mješavina
mathematical models – matematski modeli	modeling tools – alati za modeliranje
mathematics - matematika	modifications - izmjene
matrices - matrice	moisture – vlažnost
meander - vijugav	monsoon - monsun
mechanical energy – mehanička energija	moon - mjesec
meridian - meridijan	moon's phases – mjesečeve faze
metamorphic rock – preobraženi kamen	moraine – naslage stijena
metamorphism – preobražaj	motion of the sun – sunčeve promjene
metamorphism of rocks – preobražaj kamenja	mountain - planina
meteor - meteor	

N

English- Bosnian

national - nacionalan

national libraries – nacionalne biblioteke

natural disasters – prirodna katastrofa

natural events – prirodni događaji

negative impact – negativni uticaj

North Pole – Sjeverni Pol

nuclear decay – nuklearno raspadanje

nuclear fusion – nuklearno spajanje

O

English- Bosnian

objects - objekti

ozone - ozon

observable properties – posmatračke osobine

ozone depletion – ozonsko trošenje

observation - posmatranje

ocean - okean

ocean crust – okeanska kora

ocean current – sadašnji okean

oceanic rift – okeanski vir

operation of a system – sistemske operacije

opposing directions – suprotne direkcije

opposing forces – suprotne sile

optimization - optimizacija

orbit - orbita

organic - organsko

organism – organizmi

organizations – organizacije

organize - organizovati

origin – porijeklo

outer core – vanjska kora

outwash plain – jednostavno taloženje

oxygen - kisik

oxygen-producing organisms – organski
proizvodači kisika

P

English- Bosnian

particle settling time – vrijeme smirivanja cestica	polaris – polaris
patterns of change – uzorci promjene	political impact – politički uticaj
pendulum - klatno	pollution – zagađenost
performing operations – izvršenje operacija	portray – portretisan
period of revolution – period revolucije	positions of land masses – pozicija zemljanih masa
permeability – protok fluida	positive impact – pozitivan uticaj
perpendicular - normalan	powers of ten notation – snaga deset notacija
perspective – perspektiva	precipitation - padavine
phases of the moon – mjeseceve faze	precipitation gauge – mjerenje padavina
phenomena - fenomen	predict – predviđanje
physical properties – fizičke svojine	predictable motion – predvidljivi pokreti
plain (noun) - ravnica	predictions - proricanja
planet - planeta	presenting results – pokazivanje rezultata
planet size – veličina planete	preservation of natural resources – očuvanje prirodnih resursa
planetary wind – planetarni vjetrovi	pressure - pritisak
plate boundary – granični sloj	pressure distribution – prenos pritiska
plate dynamics – dinamike slojeva	pressure gradient – gradijent pritiska
plate movements – kretanja sloja	prevailing wind – prevladujući vjetrovi
plate tectonics – tektonski sloj	Prime Meridian – Glavni Meridijan
plateau - visoravan	principle of original horizontality – princip originalne horizontalnosti
plates – sloj, ploča	principle of superposition – princip superpozicije

Physical Setting Earth Science

principle of precipitation – principi
predvidanja

processing data – obrada podataka

profile - profil

property - svojina

psychrometer - psihometar

public discussion – javna diskusija

public scrutiny – javni nadzor

Q

English - Bosnian

quality of life – kvaliteta života

quantitative – količinski

R

English- Bosnian

radar - radar	research databases – istraživanje baze podataka
radiation - radijacija	residual heat of Earth's formation – saznanje o preostalim informacijama o zemlji
radioactive decay – radioaktivni otpad	resource problem – istraživački problem
radioactive isotope – radioaktivni izotop	resources - izvori
rain – kiša	revision - revizija
rate – stopa	revolution - revolucija
rate of deposition – stopa razgradnje	ridge - greben
reaction - reakcija	rift – sistem pukotina
reaction with acid – reakcija sa kiselinom	rifting region – oblast pukotina
realizing ideas – realizacija ideja	rock cycle – kameni ciklus
real-life problems – stvarni životni problemi	rock type – vrsta kamena
recirculation – ponovni protok	rocks and minerals – stijene i minerali
recirculation of water – ponovni protok vode	rotation - okretanje
red-shift – crvena promjena	rotational axis – okretanje osovine
reference line – referentna linija	runoff – umnožiti
reflect - odsjaj	
refraction - prelamanje	
regional metamorphism – regionalna metamorfoza	
regular and predictable motion – regularno i predvidljivo kretanje	
Representations - predstavljanja	
rescue route – ruta spašavanja	

S

English - Bosnian

sandbar – pjesčani sprud	size – veličina
satellite – satelit	sleet – susnježica
satellite images – satelitske slike	slope – nagib
saturation – zasićenost	snow – snijeg
scale - razmjera	social implications – socijalno upletanje
scale model – smanjeni model	society – društvo
science - nauka	soil – zemlja
scientific knowledge – naučno saznanje	soil capillary – zemljani kapilari
seasonal changes – sezonske promjene	solar energy – sunčeva energija
seasonal variation – sezonske varijacije	solar radiation – sunčevo zračenje
seasons - sezone	solutions – solucije
sediment - talog	solve problems – rješenje problema
sediment size – dubina taloga	source - izvori
sedimentary deposits – taložni depoziti	sources of error – izvorne greške
sedimentary rock – nataloženi kamen	specific heat – specifčno grijanje
seismic - potresanje	speed of revolution – brzina ciklusa
seismic wave – seizmički talasi	speed of rotation – brzina okretanja
Select – označen	spiral galaxy – spiralna galaksija
severe weather – oštro vrijeme	standard error of measurement – standardne greške mjerenja
shadow - sjena	star – zvijezda
shape - oblik	state of stability – stabilno stanje

Physical Setting Earth Science

states of matter – stanje substance

static equilibrium – statična ravnoteža

station model – osnovni model

stationary - nepokretan

stationary Earth – nepokretna zemlja

stationary fronts – nepokretni prednji dio

statistical analysis – statička analiza

streak – niz

stream - tok

stream drainage pattern – tok odvodnog uzorka

structure – struktura

subduction – prolazno

subduction zone – prolazna zona

sun - sunce

sunspots – sunčane tacke

superposition – starosni sloj

symbolic – simbolično

system – sistem

systems thinking – sistematsko razmišljanje

T

English- Bosnian

tables – sistematska lista	time period – vremenski period
technological – tehnološki	time zone – vremenska zona
technological design process – proces tehnoloskog dizajna	topographic map – tipografska mapa
technological inventions – tehnološki pronalasci	topography - topografija
technological solutions – tehnološke solucije	tornadoes - tornada
technological tools – tehnološki alati	tradeoffs - razmjena
technology - tehnologija	transfer of energy – prenos energije
tectonic force – tektonska snaga	transform plate boundary – transformacija graničnog sloja
tectonics – tektonski	Transparency - providnost
temperature – temperatura	transpiration - transpiracija
terrestrial planets – suhozemne planete	trench - rov
test models – test modeli	tributary - pritoka
testable hypothesis – hipoteze za testiranje	tsunamis – veliki val
theories - teorije	
theory - teorija	
thermometer - termometar	
three-dimensional landscape – trodimenzionalni pejzaž	
threshold level – početni level	
thunderstorm - grmljavina	
tide - osjeka	
time - vrijeme	

U

English- Bosnian

unconformities – rana erozija

units of measurement – jedinica mjere

universe - svemir

unstable - nestabilan

uplift - podizanje

urbanization - urbanizacija

U-shaped valley – dolina u obliku U

V

English- Bosnian

valley - dolina

vegetation - vegetacija

velocity – početna brzina

vertical atmospheric movement – vertikalno
atmosfersko kretanje

volcanic ash layers – naslage vulkanskog
pepela

volcanic eruptions – vulkanske erupcije

volcanoes - vulkani

volume of a stream – zapremina tekućine

V-shaped valley – dolina u obliku V

W,X,Y,Z

English- Bosnian

warm fronts – topli front

water cycle – vodeni ciklus

water table – vodeni slojevi

water vapor – vodena para

watershed – vodeni štit

wave action – talasna akcija

Weather – vrijeme

weather data – vremenski podaci

weather events – vremenski događaji

weather forecasts – vremenska prognoza

weather maps – vremenske mape

weather patterns – vremenski uzorci

weather variables - vremenske promjene

weathering – meteorološki

wind – vjetar

wind speed – brzina vjetra

wind vane – vihor

wind velocity – brzina vjetra

year - godina