

# Glossary

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## Intermediate School Level Science Glossary

**English / Twi**

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Translation of Science Terms Based on  
the Coursework for Science Grades 6 to 8.

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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.

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Intermediate School Level Science Glossary

ENGLISH	TWI
<b>A</b>	
absorb	Anonom (nonom)
acceleration	Ne mirika
acid rain	soro nsu a asid wom
action	Adeyo
adapt	Fa wo ho gye mu (sakra/sesa)
adaptation	Sɛ wode woho regye (nsakrae/nsesae)
adjust	Danedane
adult	ɔpanyin
advantage	Ediboa/mfaso a ɛwɔ biribi so
affect	Ka a ɛka obi/biribi
air	Mframa
air mass	mframa mu duru
air pressure	mframa tumi
air resistance	mframa a ɛkotia
alternate	ɛsesa sesa
alto	ɛnne a ɛwɔ soro/fam
amount	Ne dodoɔ
amphibian	Aboa a otumi tena nsuo mu ne asase so
amplitude	Abuso
analyze	Hwehwe mu
anatomy	Abosuo (mmoa bɔbea)
ancestor	Nananom
ancient	Tete
anemometer	Afidie a esusu mframa mmirika
angle	Angle
animal	Aboa
Animalia	Mmoadoma
antibiotic	Aduro a ɛkotia mmoawa
antibody	Aduro bi a ɛwɔ nipadua mu yɛde ko tia yareɛ
appliance	Yɛde di dwuma (adwinnade)
apply	Fa yɛ adwuma(fa di dwuma)
appropriate	ɛfata
approximately	Fa w'anibu
arrange	Hyebye
artery	Ntini a mogya a efri akomam no fa mu
arthropod	Aboa a onni kaseɛ
asexual	Onni bɔbeasu
assemble	Boa ano
asteroid	Wiemboba
astronomer	Nimdefoɔ ɔhwe wiemu nneɛma
atmosphere	Ewiem nsem
atom	Atom
atomic number	Atom nɔma
attract	Twe ba wo ho

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ENGLISH	TWI
automatic	Ɛye den ara a ebaba (Ɛtaa ye ade a nipa/afoforo mmoa nka ho)
available	Ɛwɔ hɔ
axis	Ntwaho dua
<b>B</b>	
bacteria	Aboawa
balance	Nseneɛ (Nsɛnia/ Ɛye pɛ)
balanced forces	Ahodɔn a ahodɔ a Ɛye pɛ (tumi hororw a Ɛye pɛ)
bar graph	Nkonta mu nfonin
bare	Ɛho da hɔ
barometer	Afidie a esusu eweim tumi
battery	Batre
bed	Mpa
behavior	Suban
beneficial	Ediboa/mfaso a Ɛwɔ so
benefit	Nnɛpa/mfaso
best	Papapaa a Ɛwɔ mu (nea eye paa)
big bang	Kwan a ewiase hyɛɛ aseɛ
binary fission	Emu paɛpaɛ mmienu
biomass	Tumi a efri nnua hyɛɛ mu
bird	Anomaa
blink	Bɔ w'ani
blizzard	Asukɔkyea (asukɔtweaa) a ano ye den
block	Si kwan
blood tissue	Mogya mu adeɛ (nneɛma)
blood vessel	Ntini a mogya fa mu
blossom	Eyi nhwere (Ɛye frɔmfrɔm/egu nhwiren)
boil	Ehuru
boiling point	Bere a ehuru
bone tissue	Dompe mu adeɛ
bounce	Ehurihuri
brain	Adwene (amemene)
bronchi	Ntini nketenkete wɔ aherawa mu
bundle	Bɔ no boa (ka bom/kyekyere)
buoyancy	Etumi tete nsu ani (emu ye hare)
buoyant force	Tumi a etumi ma adeɛ tete nsuo ani
<b>C</b>	
calcium	Kalseɔm
calculator	Afidie a yede ye nkonta
calorie	Aduane duro
camera	Afidie a etwa nfonin
camouflage	Aye ne ho se
cancer	Kokoram
capillary	Ntini nketenkete paa
capture	Kyere

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ENGLISH	TWI
carbohydrate	Kabohaidrete
carbon (C)	Kaabɔn
carbon dioxide (CO <sub>2</sub> )	Kaabɔn a oksegen mmienu tareho (mframa bɔne)
cardiovascular system	Akoma ne ntini ho nhyehyeeɛ
carnivore	Aboa a ɔwe mmoa foforo nkoa (Aboa a ɔwe nam mono nkutoo)
category	Akuo
caterpillar	Osa
cause-end-effect relationships	Nea eɛde ba ne nea efri mu ba
celestial	Ɛwɔ wiem
cell	Sell (nkwammoa)
cell cycle	Sell ntwaɔho (nkwammoa kyinhyaɛdi)
cell division	Sell nkyekyemu (nkwammoa nkyekye mu)
cell membrane	Ntoma a adura sell ho (nkwammoa nnuraho)
cell theory	Sell ho adesua (nkwammoa ho nkyerɛkyerɛ)
cell wall	Sell ho afasuo (nkwammoa ho fasu)
cellular respiration	Sell mu ahome (nkwammoa ahome)
Celsius (°C)	Selhyios (selsiɔs)
cement	Somente
centimeter (cm)	Sentimeter
central nervous system	Adwene mu
chain	Esesaso (Ɛtoatoa so/kɔnsɔnkɔnsɔn)
change	Ɛsesa
change of direction	asesa baabi a n'anihwɛ (asesa baabi a ani kyere)
change of motion	Asesa n'ahokeka
change of speed	Asesa ne mmirika
characteristic	Ne su
chart	Nfonin
chemical	Aduro
chemical bond	Aduro no mfamho
chemical change	Aduro nsesae
chemical energy	Aduro no ahɔɔden
chemical equation	Aduro ne afanu a eyɛ pɛ
chemical property	Aduro ne su
chemical reaction	Aduro mu nsusuansoɔ
chemical system	Aduro mu nhyehyeeɛ
chemical weathering	adeweweɛ a efri aduro
chlorophyll	Aduro a Ɛwɔ ahahan momono mu
chloroplast	Baabi ahahan mu aduro wɔ
choose	Yi/paw
chromosome	Kromosome
cinder cone volcano	Egya a efri bepɔ mu a aye sɛ sinda kone
circuit	Ade etwane ho besi n'akyi
circulation	Efefa baabi (kyinhyaɛdi)
circulatory system	Nhyehyeeɛ a ɛma adeɛ fefa baabi (senea mogya di kyinhya)
cirro-	Ayɛsɛ mununkum a eyɛ nsensanee

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ENGLISH	TWI
cirrus cloud	mununkum a eye nsensanee
classification	Y'ahyehye no akuoakuo
classify	Hyehe no akuoakuo
climate	Ewiem nsesaee
cloning	Wore nwene adee bi nseso pɛpɛɛɛ
cloud	Mununkum
coal	Asaase mu bidie
code	Kodu (ahyensode/akwankyerɛ)
cold front	Mframa nwununwunu
collect	Gyegye
collide	Apem
color	Ahosuo
column	Afa
comet	Asukɔkyea a ewɔ wiem a ebɔhyee yihi mframa (nsoroma ketewa bi a etwa owia ho hyia)
comfortable	Ahodwɔ/ahotɔ
communicate	Dinkitaho
community	Mpɔtɛmo
compare	Fatoto ho
compass	Afidie a ema akwankyerɛ
competition	Akansie
complex carbohydrate	Kabohaidrete a eye nwonwonan
compose	Twa/ye biribi
composite volcano	Egya a efri bepɔ mu na eye mmɔho
composition	Nneema a ewɔ mu
compost pile	Nwura a aboano na erepɔ
compound	Mmɔhommɔho
compound microscope	Afidie a ehwe nea ani ntumi nhunu
compress	Moa/mia so
Compression	Ademoa
Computer	Komputa
Conclude	Wie
Conclusion	Awiee
condensation	Se mframa redane nsuo
condense	Mframa dane nsuo
condition	Tebea
conduct	Ahodden tumi famu
conduction	Se ahodden refamu
conductors	Adee a ahodden tumi famu
consequences	Nsunsuansoɔ
conservation	Adekora
conservation of energy	Erekora ahodden
conservation of mass	Erekora emuduro
conserve	Kora
consist of	Nea ewɔ mu
consistent	Entaa nsesa

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ENGLISH	TWI
constant	Egyina faako
construct	Si
consumer	Nea odie
contain	So ano
container	Nea yede adee gu
content	Nea ewo mu
continent	Asaasetam
contrast	Fa to nsenee (nsenia) ani/kyere nsonsonoe a ewom)
control	Di so
controlled experiment	Nsohwe a ani wo ho
convection	Tumi a enam nsuo mu
coordinate	Toto nneema
coordination	Ntotoee
core	Ne mfinfin
covalent bond	Kofalent mfamho
create	Nwene
crest	Atifi
crop	Nobaee
crust	Eho
crystal	Eboɔ hyenhyen
crystallization	Eredane boɔ hyenhyen
cubic	Kubik
cubic centimeter	Kubik sentimeta
cure	Ayaresa
cycle	kyinhyia
cytoplasm	Nsuo a sell (nkwammoa) mu.
<b>D</b>	
daily	Da biara da
dam	Su tadee
data	Data
data table	Data pono
daughter cell	Sell a apae efri foforo mu
daylight	Awiabre han
decay	Aprɔ
decomposer	Dee ema adee pro
decrease	Eso ate
defend	Banbo
deficient	Etosini
define	Kyere aseɛ
definite	Etotwa
delta	Delta
density	Emu duro
dependent variable	Dee odan obi
deposition	Y'atu w'adee so
derived	Ye nya fri biibi mu
descend	Sane

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ENGLISH	TWI
descendants	Asefoɔ
describe	Kyeremu
desert	Esɛso
design	Sedeɛ yɛsi anwene
design scientific investigations	Hyeɛye abɔdeɛ mu nyansape nhwehwɛmu
determine	Kyerɛ
develop	Ye
development	Adeye/nkɔso
diagram	Nfonin
dichotomous key	Anwɛnade a wohye abɔdeɛ nso
difference	Nsonsonɛ
digest	Yam wɔ wo yam
digestion	Yafunu mu aduane yam
digestive system	Yafunu mu aduane yam nhyehyɛɛ
direct	Kyerɛkwan
directions	Akwankyerɛ
directly	Pɔtee
disappearing trait	Esu a ɛre yera
discuss	Di ho nkɔmmɔ
disperse	Ahyeta/apete
dissolve	Ahono
distance	Kwan bi tenten
distinctive	ɛdanso
distribute	Kyekye
disturb	Teete
diversity	Asɔɔtoo/ahorow
DNA	DNA
dominant	Nhyɛsodeɛ
dominant gene	Gene a ɛɛye forɔɔ so
draw	Dwi
dump	Totwene
<b>E</b>	
earth	Ewiase/asase
earthquake	Asaase wosɔɔ
earthworm	Sonsono
echo	Nnyegyɛɛ
eclipse	Bosome akye awia
ecological succession	Sedeɛ abɔdeɛ a ɛte ase abraɔɔ sesa wɔ bere dodoɔ bi mu
ecology	Sedeɛ abɔdeɛ a ɛte ase de wɔn ho nsawɔsɔɔ wɔ wɔn tenabea
ecosystem	Abɔdeɛ nyinaa ne wɔn tenabea
effect	Nsunsuansɔɔ
efficient	Ɛye n'adwuma yie
egg	Kosua
electric current	Nyinam tumi (anyinam ahɔɔden)
electrical	Ɛfa nyinam ho
electrical circuits	Nyinam ahɔɔden ntwaɔ



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ENGLISH	TWI
electrical energy	Nyinam ahoɔden mu tumi
electricity	Nyinam ahoɔden
electromagnet	Elektromagnete
electromagnetic spectrum	Elektromagnete akwaban
electromagnetic waves	Elektromagnete ahoɔden amunimuni
electromagnetism	Ɛfa Elektromagnete ho
electron	Elektron
elements	Abɔdeɛ mu nneɛma
elevation	Mpegya/ma so
elliptical	Ayɛ te sɛ kosua krukruwa yɛ
emit	Epu
endangered species	Abɔdeɛ a wɔn ase ɛreyɛ ahyɛ
endocrine system	Nnuro bi a ekyi gu mogya mu ho nhyehyɛɛɛ
endothermic	Emu bɔhyew (egyina ɔhyew so yɛ)
energy	Tumi/ahoɔden
energy flow	Ahoɔden nsaneɛ
energy pyramid	Ahoɔden piramede
energy resources	Ahoɔden ho nnɛpa
ensure	Hwɛ sɛ
environment	Mmɔntenso (mpɔtam)
Environmental	Ɛfa mmɔntenso ho (ɛfa mpɔtam ho)
environmental changes	Mmɔntenso nsesaɛɛ (nsakraɛ a ɛba mpɔtam)
epithelial	Adeɛ a ɛdura nnipam akwaa horow ho
equal	Ɛyɛ pɛ
equation	Afanu pɛrɛpɛreyɔ
equator	Asaase mfinfin
equilibrium	Pɛyɛ
erosion	Susuan
error	Mfomsɔɔ
esophagus	Honhon (menem)
establish	Te (si/yɛ/kyerɛ)
estimate	Fa w'anibu
estimation	Deɛ yɛde aniabu
eukaryotic	Abɔdeɛ a ne sɛll wɔ nuklɔs
evaluate	Susu
evaporate	Dane ntutuo
evaporation	Ɛdane ntutuo
evidence	Adanseɛ
evolution	Abɔdeɛ mu sesaɛɛ fiti abɔdeɛ ahyɛaseɛɛ (adaanandi)
example	Mfatoho/nhweso
exchange	Edi nsesa
excrete	Nipadua no yi fi pue
excretion	Sɛ nipadua no reyi fin pue
exoskeleton	Nnompe a ɛwɔ aboa ho
exothermic	Ɛho hyew
expand	Bae/bue mu

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ENGLISH	TWI
experiment	Nhwehwɛmu (sɔ biribi hwɛ)
explain	Kyerɛaseɛ (kyerɛkyerɛ mu)
explanation	Nkyerɛaseɛ (Nkyerɛkyerɛ mu)
express	Dan adi (Da no adi)
external	Abɔnten
extinct	Asee ahye
<b>F</b>	
fact	Nokwasɛm
factor	Deɛ nti
Fahrenheit (°F)	Fahrenheit (°F)
fat	Sradeɛ
fault	Atɔkyew/mfomso
feature	Su
features	Su ahodoɔ
female sex cell	Mmaa sell a ɛfa nna nsem ho (mmea bɔbeasu nkwammoa)
fertilization	Sɛ kosua repae (sɛ ɔbarima nkwammoa ne ɔbea nkesua bedi afra)
fertilized	Kosua apae (sɛnea ɔbarima nkwammoa ne ɔbea nkesua di afra)
fertilizer	Fetilaisa (ɔye asase yiye)
fiber	Nhomanhoma
fish	Apataa/nam
fixed pulley	Dadeɛ a etim ho na hama sesa baabi a etwe adeɛ
flood	Nsuyiri
flow chart	Adesua nfonin a ɛkyerɛ biribi
flower	Nhweren (nhwiren)
fluid	Nsuonsuo
folded	Abobɔ
food	Aduane
food chain	Aduane nkɔnsɔnkɔnsɔn
food web	Aduane ntentan
for every action there is an equal or opposite reaction	Nneɔɛ biara no wɔ ho muaɛɛ a anohyɛɛ no yepe
force	Ahodɛn
forecast	Wore kyere deɛ ebetumi asi daakye
form	Nwene
formation	Adenwene
former	Deɛ edi anim
formula	Nea wonam so nya muaɛɛ
formulate	Nwene
fossil	mfueɛ ne mmoa nkaedɛɛ
fossil fuel	Adeɛ a etumi sɔ egya mfueɛ ne mmoa nkaedɛɛ
freezing	ɛredane nsubɔɔ
frequency	Bere dodoɔ a etae si
friction	Twitwiri
front	Anim

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ENGLISH	TWI
fruit	Aduaba
fuel	Adeɛ a etumi sɔ egya
filter	Nsɔnesɔɔ
fulcrum	Afidie fa ɛma afidie twa ne ho
function	Adeyɔ
function of living things	Deɛ Abɔdeɛ yɛ
fungi	Fungi/afifide
<b>G</b>	
galaxy	Wiemu nsroma ahodoɔ (nsoromakuw)
garbage	Nwura
gas	Mframagya
gas giants	Mframa mu okunin
gem	Ɛboɔ a ne boɔ yɛ den
gene	Gene
generation	Abɔdeɛ ekuo (awo ntoatoaso)
generator	Afidie a ɛma nyinam ahodoɔ
genetic engineering	Nkekabom a ɛkɔ so genetike
genetic material	Genetike ho adeɛ
genetically	Ɛfa genetike ho
genetic variation	Genetike mu adaneadane
geologist	Nimdefoɔ a osua aboɔ mu nsem
geothermal energy	Ɔhyew tumi a efri asaase ase pue
germ	Mmoawa a wɔde yareɛ ba
germination	Ade fefɛ
glacier	Asukɔkyea a akantoa
gland	Nipadua no akwaa a ekyikyɩ nnuro gu mogya mu
global	Ewiase
global climate	Ewiase wiem nsakraɛɛ
global warming	Ewiase hyewboɔ
graduated cylinder	Selenda a yɛde nsusudeɛ wɔ ho
gram (g)	Gram (g)
graph	Nkonta mu nfonin
graphic	Ɛdan adi
gravitational	Ɛfa abɔdeɛ mu ahodoɔ a ɛtwe adeɛ ba fam
gravity	Abɔdeɛ mu ahodoɔ a ɛtwe adeɛ ba fam (tumi a ɛtwe adeɛ ba fam)
greatest	Papapaa a ɛwɔ mu (kɛse paa a ɛwɔ mu)
greenhouse gas	Mframa a ɛwowɔ ewiem
green plant	Mfueɛ/afifide
groundwater	Asaase ase nsuo
group	Ekuo
grow	Nyini
growth	Onyini

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ENGLISH	TWI
<b>H</b>	
habit	Suban
habitat	Abɔdeɛ teasefoɔ bi tenabea
hand lens	Ahwehweniwa a yede kuta
hardness	Ne denden (ne denyɛ)
harmful	Etumi pira
hazardous	Etumi di awu
healthy habit	Suban papa
hearth	Efie (muka/fononoo)
hearth muscle	Akoma ho ntinintini
heat	ɔhyew
heat energy	Tumi a efri ɔhyew mu
herbivore	Mmoa a wɔye nwura nkoa
heredity	Adeɛ yɛnya fri awoɔ mu
hereditary	Adeɛ yɛ nya fri awoɔ ntotoaso mu
hibernation	Bɔ woho adwaa
hormone	Nnuro bi a ekyi gu mogya mu
host	Nea ɔgye hohoɔ
human	Nnipa
human cell	Nnipa mu akwaawa
humid	Nsuo ɛwɔ wiem
humidity	Nsuo a ɛwɔ wiem
hurricane	ɛpo mu mfamahyew
hydroelectric power	Nyinam ahooɔden a efri nsuo
hydrosphere	Nsutam biara a ɛwɔ asaase so
hygrometer	Afidie a yede susu ewiem nsuo
hypothesis	Nimdeɛ mu bɔtrimuka
<b>I</b>	
identical	Edi nɛɛ
identification	Ahyɛnsode
identify	Hyɛ ne nso
igneous	Bepɔ mu gya a ada adi
igneous rock	Bepɔ mu gya a adane botan
illuminate	Ma ehan (hyerɛn)
illustrate	Yi kyere/yɛ nhwɛso
immune system	Mogya mu akwaa a ekɔtia yareɛ
inclined plane	Ntweaseɛ a akyea
increase	Ekɔ soro
independent	Odi neho so
independent variable	Adeɛ odi neho so
indicate	Kyere
indirect	Ennye pɔtee
individual	Ankorankore
infection	Nsaneyareɛ
infectious disease	Nsaneyareɛ

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ENGLISH	TWI
inference	Nea efri mu ba
information	Nsɛm
ingredient	Adeɛ bi mu nneɛma
inherit	Bedi adeɛ
inheritance	Adedie
inherited adaptation	Tenabea a awofoɔ adane(su a yenya fi awofo ho a etumi sesa)
inherited trait	Esu a yenya fri awofoɔ
insect	Aboa a onni kasɛɛ
instrument	Anwenade
insulator	Adeɛ ɔhyew ntumi mfa mu
interact	Di nsawɔsoɔ (di nkitaho)
interaction	Nsawɔsodie (nkitahodi)
interior	Emu
internal	Emu
interpret	Kyerɛ aseɛ
interval	Ekwan a ɛda ntɛm
inversion	Edi adane
invertebrate	Mmoa a wɔnni akyi kasɛɛ
investigation	Nhwehwɛmu
ion	Ion
ionic bond	Ionik mfamho
iron (Fe)	Dadeɛ iron (Fe)
irregular	Enni abosuo pɔtee bi
isolate	Yi fri ɛdɔm mu
<b>J</b>	
jellyfish	Nsuomu aboa
joint	N'apɔso
<b>K</b>	
kilogram (kg)	Kilogram (kg)
kiloliter (kl)	Kilolita (kl)
kilometer (km)	Kilometa
kinetic energy	Kinetik ahɔɔden
kingdom	Ahinie (ahenni)
knowledge	Nimdeɛ
<b>L</b>	
label	Ahyɛnsodeɛ
landslide	Asaase dwiri
large intestine	Nsono akeseɛ
larva	Osa
laser	Lesɛ kanɛɛ
latitude	Kwan tenten a ɛda ewiase atifi kosi anaafɔɔ
lava	Nsugya a efri bepɔ mu
layer	Ntasɔɔ (nkataso)
leaf	Ahahan

Intermediate School Level Science Glossary

ENGLISH	TWI
learned	Y'asua
learned adaptation	Abrabɔ a y'asua
least	Ketewaa koraa εwɔ mu
leaves	Nhaban
levee	Pampim a εwɔ nsuano
lever	Daban
life cycle	Abrabɔ mu mpɛnpɛnsɔɔ ahodoɔ (nkwa kyinhyaadi)
life span	Abodee nkwanna
lift	Kukru (ma so)
light	Kanea/hann
light-years	Kanea mfeeso
line graph	Nkonta mu nsensanee nfonin
lines of force	Ahɔɔden nsensanee
link	Atoatoa
liquid	Adee eye nsuonsuo
list	Twɛtwɛɛ
liter (L)	Lita (L)
lithosphere	Ewiem fa a εwɔ nduraho
liver	Brɛbɔɔ
living things	Abodee a εtease (abode a nkwa wom)
Location	Faako/beae
Locomotion	Nantee
Longitude	Kwan tenten a εda ewiase atifi kosi atɔɛɛ
longitudinal wave	Amunimuni ahɔɔden wɔ kwan tenten a εda ewiase atifi kosi atɔɛɛ
Loudness	Anoden
lunar eclipse	Bosome kye asaase ne owia
Lungs	Aherawa/ahurututu
Luster	Ehan
<b>M</b>	
Machine	Afidie
Magma	Nsugya a efri bepɔ mu
Magnet	Stim /Magnet
magnetic field	Bea a stim wɔ
magnetic force	Bea a stim ahɔɔden wɔ/tumi a εtwɛtwɛ dade
Magnetism	Efa stim ho
Magnifier	Afidie a εma wo hunu adee akɛsee
Maintain	Kora
Maintenance	Adekora
Major	Titiriw
male sex cell	Mmarima sell a εfa nna nsem ho (mmarima bɔbeasu nkwamoa)
Mammal	Aboa a ɔwo ne sɛsɔ
Manage	Toto
mantle	Nduraho
map	Map (asase mfonini)

Intermediate School Level Science Glossary

ENGLISH	TWI
mass	Mass
material	Adeɛ
materials	Nneɛma
materials scientist	Abɔdeɛ mu nimdefoɔ a osua adeɛ fa nneɛma ho
mathematics	Nkonta
matter	Adeɛ a ani hunu
measure	Susu
measurement	Nsusueɛ
mechanical energy	Mfidie mu ahɔden
mechanical weathering	Mfidie ho a ɛwewe
medium	Deɛ adeɛ namso
meiosis	Meiosis
melting	Erenane
melting point	Baabi adeɛ duru ansaana anane
metal	Dadeɛ
metallic bond	Dadeɛ mu mfamho
metalloid	Aduro a dadeɛ ne deɛ ennye dadeɛ su
metamorphic	Ɛboɔ a asesa ne su (ɔbo a asesa ne su)
metamorphic rock	Ɛboɔ a asesa ne su adane botan
metamorphosis	Abɔdeɛ sesa ne su
meter (m)	Basafa
meter stick	Dua a ne tenten ye basafa
methane	Metane
method	Nhyehyedeɛ (sɛnea wɔye biribi)
metric ruler	Asusudeɛ a eye metrik
microorganisms	Mmoawa a ani kan ntumi nhunu
microscope	Afidie a eboa ma ani tumi hunu mmoawa
mid-ocean ridge	Bepɔ a ɛwɔ ɛpo ase
migration	Akwantuo
Milky Way	Ewiem a nsroma ne owia nyinaa wɔ (nsoromakuw a yehu)
milligram (mg)	milligram (mg)
milliliter (ml)	millilita (ml)
millimeter (mm)	millimeta (mm)
mineral	Asaase mu agudeɛ
mitochondria	Mitokondria
mitosis	Sell nkyekyɛmu
mixture	Neɛma ahodoɔ adi afra
model	Adeketoa yede ye nhwesɔɔ
moisture	Nsuo
molecule	Molekule
mollusk	Enwa abusua
molten	Aduro bi a ɛwɔ bepɔ mu nsugya
monthly	Bosome bosome
Monera	Monera
monoculture	Amamerɛ krɔ (afifide koro)
moon	Bosome/ɔsram

Intermediate School Level Science Glossary

ENGLISH	TWI
motion	Ahokeka
motor	Moto
mountain	Bepɔ
mouth	Anom
movable pulley	Dadeɛ etim hɔ na ɛsesa baabi ahoma a ɛtwe adeɛ hwe
movement	Anamɔntutuo
movement of plates	Plete anamɔntutuo
mucus	Amaman
muscle	Ntini
muscle tissue	Ntini akwaa
muscular system	Ntini ho nhyehyɛɛ
mutation	Ɛsɛɛ fri ne tebea mu
multicellular	Abɔdeɛ a ne sell bro baako
multicellular organism	Abɔdeɛ a ɛtease na ɔwɔ sell ahodoɔ
<b>N</b>	
natural gas	Mframagya a efri ɔbɔɔadeɛ hɔ
natural resource	Nnepa a efri ɔbɔɔadeɛ hɔ
natural selection	Deɛ ɛma abɔdeɛ a wɔn ho ye den tumi tena nkwa mu
nebula	Mnununkum a mframagya ahodoɔ wɔ mu
negative	Etwam
nervous system	Aboa adwene
net force	Tumi no nsesa
neuron	Adwenemu fa
neutral	Onni afa biara
neutron	Neutro
Newton	Newton
niche	Tenebea (tenabea)
nimbus	Ɛhan atwa kanko
nitrogen	Nitrogen
noble gas	Mframagya a yɛfre no noble
nonliving things	Abɔdeɛ a ɛtease (Abɔde a nkwa nnim)
nonmetal	Deɛ ennye dadeɛ
nonrenewable	Adeɛ a yɛntumi nsesamu bio
nonrenewable energy resource	Ahodoɔn a efri deɛ a yɛntumi nsesamu bio
nonrenewable resource	Nnepa a efri deɛ a yɛntumi nsesamu bio
nose	Ɛhwene
nuclear energy	Ahodoɔn a efri nukluɛɛ mu
nuclear fusion	Nukluɛɛ a emu rekyekye
nucleus	Nukleus
nutrient	Aduane mu nnuro
<b>O</b>	<b>O</b>
object	Adeɛ
objective	Nokwafoɔ
objective lens	Ɛns a ɛɛn nea wɔrehwe no paa
observation	Adeɛ a wo ahyɛ ne nso



Intermediate School Level Science Glossary

ENGLISH	TWI
observe	Fa w'ani di akyire
obtained	Nya
occur	Esi
ocean	Ɛpo baatan/asu bun
odor	Pampan
offspring	Deɛ y'awoɔ/aseni
omnivore	Aboa a odia boa biara (aboa a ɔwe nam ne nhabamma nyinaa)
one-celled organisms	Abɔdeɛ a ɔwo sell baako
ooze	Epu frimu
opinion	Adwenkyerɛ
orbit	Kanko
order	Ahyɛdeɛ
organ	Nipadua mu akwaa
organ system	Nipadua mu akwaa nhyehyɛɛ
organelle	Nipadua mu akwaawa
organism	Abɔdeɛ a ɛtease
organize	Toto/hyehyɛ
original	Ne tebea ankasa
ovary	Aboa/nnipa nkosua
overabundance	Aboroso pii
overcome	Di so
overpopulation	Emufoɔ doɔso dodo
ovule	Ɔbaa kosua etumi pae
oxygen	Ɔksegen (mframa pa)
ozone	Mframagya ozone
<b>P</b>	
parallel circuit	Ntwaho a enhyia
parasite	Abɔdeɛ a odidi ɔfoforɔ ho
parent cell	Awofɔɔ no sell
particle	Adeɛ
pattern	Anweneɛ
pedigree chart	Dibea ho nfonin
perceive	Susu se
percent, percentage	Ɔha mu nkyemu
period	Berɛ bi
periodic table	Ɛpono a y'ahyehyɛ ɔbo adeɛ nnuro
permanent magnet	Stim a ɛwo ho afeboɔ
pesticide	Aduro a ekum aboa a odidi ofofɔɔ ho
petroleum	Famngo
phases	Ɛfa
phenomena	Anwanwadeɛ
phosphorus	Phosphorus
photosynthesis	Kwan a nhahan de awia dane aduane
physical	Deɛ anihunu
physical change	Deɛ anihunu nsesae

Intermediate School Level Science Glossary

ENGLISH	TWI
physical property	Dee ani hunu no su
physical weathering	Dee ani hunu ho nwenwee
picture	Nfonin
pie	Atwa kanko
pie chart	Nfonin a atwa kanko
pie graph	Nkonta mu nfonin atwa kanko
pistil	Nhwire fa baabi a eye obaa
pitch	Enee nnyegyee
planet	Kyinsroma (okyinsoroma)
plant	Mfuee/afifide
Plantae	Mfuee kubaatan
plasma	Mogya mu akwaa a ema no ye nsuonsuo
plate	Plate (mogya mu nneema a eye ntrantraa)
plate tectonics	Plate tetonike eko so wo asaase mu
poison	Awuduro
polar	Efa atifi ne atsee
pollen	Polen
pollinate	Polen a ako gu nhweren fa a eye obaa so
pollutant	Adee a ede fi ba
pollution	Efiyo
position	Gynabea
positive	Eye papa
potential energy	Ahodden a ewo adee enam baabi a ogyina nti
power of ten notation	Mma a y'aye no akuoakuo edu
precipitation	Nsutɔ
predator	Dee okum
predict	Hwe pete takra mu ka (fa w'adwene bu)
predictable	Wo tumi hunu dee ereko
prediction	Fa w'anibu na ka
presence	Se ewo ho (mprempren)
preserve	Kora so
pressure	Nhyesoo
prevailing	Dee ewo ho seesei ara
prevailing winds	Mframa a ewo ho seese iara
previous	Dada dee (nea atwa mu)
prey	Aboa ofoforo kye ne we
primary	Dee edi kan koraa
probable	Dee ebetumi aba/ebia
procedure	Kwan a wonam so ye
process	Kwan a wonam so
produce	ye
producer	nea oyee
product	Adee a efri mu ba
prokaryotic	Prokaryotik
property	Agyapadee
properties	Yebea ahodoɔ

Intermediate School Level Science Glossary

ENGLISH	TWI
protect	Bɔ ho ban
protein	Aduane duro proten
Protista	Protista
proton	Proton
provide	Fama
pulley	Ntwahodee
Punnett square	Punnet adaka
pupa	Osa
purpose	Botae
pushes and pulls	Apiapia ne atwetwe
<b>R</b>	
radiation	Radiehyen
radioactive	Etumi pu rediahyen
radioisotope	radioisotope
rarefaction	Seso a akyea
rate	Anosom
ray	Ɛkan
react	Ma anoyie
reactant	Nea ema muaee
rearrange	Hyehe bio
reason	Nyinaso/atirmpɔw
receive	Ma won sa nka/gye
recessive	Y'ahyeneso
recessive gene	Gene a ɔforɔ ahyeso
recognize	Hye ne nso
record	Kye to ho/kyerew to ho
rectum	Trumuu
recycle	Fadi dwuma bio
reduce	Teso
refer	Dane ma
reflect	Twa wo seso
reflection	Se eretwa ne se so
reflex	Ahokeka
refract	Etwa nseso a akyea
refraction	Se eretwa nseso a akyea
regulation	Hye ho mmara
relationship	Twaka
relationships in organisms	Twaka a eda abodee a ete ase ahodoɔ mu
relative humidity	Twaka a edada abodee mu
release	Gyae mu
relevant	Mfasoɔ wɔ so
remain the same	Aka ho saa
remains	Nkasee (nea aka)
renewable	Adee a yetumi nsesamu bio
renewable energy resource	Ahoden a efri dee a yetumi nsesamu bio
renewable resource	Nnepa a efri dee a yetumi nsesamu bio

Intermediate School Level Science Glossary

ENGLISH	TWI
repair	Siesie
represent	Si ananmu
reproduce	Wo
reproduction	Ɛfa awɔɔ ho
reproductive	Etumi wo ne sɛso
reptile	Mmoa kuo bi te sɛ awɔɔ n'asefoɔ (mmoa a wɔwea)
required	Ɛye nhyɛ (ahwehwede/ahiade)
resist	Si kwan (ko tia)
resistant to	Adeɛ ntumi no
resource	Nnepa
respiration	Ahomee
respiratory system	Ahomee ho nhyehyɛɛ
respond	Ma muaɛɛ/yi ano
response	Muaɛɛ/ano yi
responsible	Deɛ ntia/asede
restore	Hye anan mu
result	Deɛ ɛko wie/nea efi mu ba
reuse	San fa di dwuma
reverse	Akyiriko
revolution	Deɛ etwa fa ho
revolve	Etwa fa ho
rock	Botan
rock cycle	Botan bra ntwaho
role	Dwumadie
root	Nhini
rotate	Etwa ne ho
rotation	Ntwaho
runoff	Nsusuan
rust	Wenaakyene/nkanare
<b>S</b>	
saliva	Ntesuo
salivate	Wore twa ntesuo/ano nsu a wɔye
samples	Mfatoho (nhwesode ahorow)
scale	Nsɛnɛɛ (nsɛnia)
scarce	Ɛho yɛden (ɛho ye na)
science	Abɔdeɛ mu nyansapɛ (Abɔde mu nyansahu)
scientific (use appropriate scientific tools)	Ɛfa abɔdeɛ mu nyansapɛ ho (fa abɔdeɛ mu nyansapɛ ho anwenade ɛfata di dwuma)
scientific inquiry	Mfeefeemu wɔ Abɔdeɛ mu nyansapɛ mu
scientific investigation	Nhwehwemu wɔ abɔdeɛ mu nyansapɛ mu
scientific law	Mmara a ɛwɔ abɔdeɛ mu nyansapɛ mu
scientific name	Edin wɔ abɔdeɛ mu nyansapɛ mu
scientific thinking	Adwendwene wɔ abɔdeɛ mu nyansapɛ ho
scrape	Wɛwɛɛ
screw	Skruu
sea floor spreading	Bepɔ a epue epo ase

Intermediate School Level Science Glossary

ENGLISH	TWI
sea level	Ɛpo gɪnabre
season	Mmere
secondary	Akyiriadeɛ/ntoaso
sediment	Adeɛ ada aseɛ
sedimentary rock	Nneɛma a adeda aseɛ na ayɛden adane botan (dɔte a adan ɔbo)
sedimentation	Sɛ nneɛma deda aseɛ (Senea dɔte dan abo)
seed	Aduaba
seedling	Dua a afefe
seep	Enwunu
select	Yiyi/paw
selective breeding	Awoɔ a ye yiyi mu
sense	Atenka
sense organ	Nipadua akwaa a enya atenka bi
sequencing	Ɛrehyehyɛ
series circuit	Nyinam fidie a edidiso
settle	Ada aseɛ
sewage	Nsu fi
sex cell	Sell a ɛfa nna nsem ho
sex cells	Sell a ɛfa nna nsem ahodoɔ ho
sexual	Ɛfa nna mu nsem
shape	Abosuo
shell	Konkura a edura aboa ho
shield volcano	Bepɔ mu nsugya
shiver	Awosoɔ/ahopopo
significant	Ehia
similarity	Edi nse
simple machine	Afidie a ennye nwonworan
siren	Alam
situation	Tebea
size	Adeɛ bi keɛseɛ
skeletal muscle	Nnompe ho ntini
skeletal system	Nnompe nhyehyɛɛɛ
shy	Fɛreɛ
small intestine	Nson ketewa
smog	Nwusie
smooth muscle	Ntini a ɛho tromtrom
soil	Anwea/dɔte
soil texture	Sedeɛ anwea/dɔte tee wɔ nsa ano
solar cell	Batre a ɛde owia na ɛkyagye
solar eclipse	Nsroma kye awia
solar energy	Tumi a efri owia mu
solar system	Owia nhyehyedeɛ (okyin nsoroma)
solid	Ɛye den
solidification	Ɛreyɛ den
solubility	senea ade tumi hono wɔ nsuo mu

Intermediate School Level Science Glossary

ENGLISH	TWI
solute	nea ehono gu nsu mu
solution	Nsuo a adeɛ anane agu mu
solvent	nsuo a ade anan agu mu (nsu a etumi nan de)
sound	ɛnee nyegyee (nnyigyeyi)
sound recorder	Afidie a ekye ɛnee gi ho (afiri a ekwere nnyigyeyi)
source	Ne farebae/fibea
space	Ewiemu (ahummu)/ahun mu
specialize	Kwadaremu (ho akokwaw mu)
species	Abodeɛ a ete ase kuo ankasa
specific	Pɔtee
specimens	Mfatoho (nsusuwso)
speed	Mmirika
Sperm	Barima ho nsuo nkwammoa
Spill	Pigu (puw gu)
spinal cord	Akyi brɛmo
Spiral	Adeɛ a etwa ne ho si fam
Sponge	Sapɔ
Spore	Mfrofrowa
Spring	Atwetan
spring scale	atwetan nseneɛ
Sprout	Afefe
Squint	Nyinya w'anim
Stable	Enhinhim
Stages	Gyinabre ahodoɔ
Stamen	Nhweren fa a eyɛ barima
Star	Nsroma
Starch	Stakye
State	Tebea
static charge	Kyage a etim faako
static electricity	Nyinam a etim faako
Stem	Dua mfinfnin
Stigma	Nhwiren fa baabi a eyɛ barima ano
stimulus	Nkenyan hye
stomach	Yafunu
stopwatch	Afidie a yede hwɛ bere
Strain	Ahokyere
Strategy	Ntotoeɛ
Strato	Strato
stratus cloud	Mununkum a eɛen fam
Streak	Nsensaneɛ a ekɔ tee
structural adaptation	Se wore atumi atena wo nhyehyedeɛ mu
structure	Nhyehyedeɛ
sublimation	Adeboɔ dane mframa
Subsoil	Anwea a ewɔ asaase mu
substance	Adeɛ
Sugar	Asikyire

Intermediate School Level Science Glossary

ENGLISH	TWI
sulfuric acid	Sulfurik asid
summarize	Bɔ ne tɔfa (bɔ no mua)
Sun	Owia
supernova	Supanova (nsoroma a etu)
Support	Mmoa
Surface	Anii
Survey	Mfeefeemu
Survival	Sɛ wore tena kwan mu
survive, survival	tena kwa mu, wore tena nkwa mu
Swamp	Afrɔ mu
Sweat	Mfifire
Switch	Sesa mu
System	Nhyehyɛɛ
<b>T</b>	
Table	Ɛpono
table salt	Ɛnkyene a yedi
Tadpole	Konkontibaa
tape measure	Ahoma a yede susu adeɛ
technology	Abɛɛfo mfidie
telescope	Afidie a yede hwɛ adeɛ a ɛwɔ akyire yie
temperate	Bea awɔ wɔ hɔ
temperature	Adeɛ hyee anaa ne nwunu
temporary magnet	Stim a ennihɔ afebɔɔ
terrestrial planets	Kyinsroma a botan wɔ mu
test	Nsɔhwɛ
theory	Nimdeɛ mu botrimuka
thermal energy	Tumi a efri ɔhyew mu
thermometer	Afidie a yede susu adehyee
thunderstorm	Apranaa dwidwam
tide	Asrɔkye
tilt	Akyea
tilted	Ɛkyeɛ
time	Bere
tissue	Abɔdeɛ mu adeɛ
tool	Anwenade
topsoil	Anwia a ɛwɔ soro (dɔte a ɛwɔ asase ani)
tornado	Ohum/ahum
trachea	Tokro a mframa famu wɔ nipadua mu
trade-offs	Wore see biribi de anya biribi foforɔ
trait	Su
transfer	Yi kɔ baabi foforɔ
transform	Sesa kɔ tebea foforɔ mu
transport	Akɔneaba die
transport system	Akɔneabadie nhyehyɛɛ
transverse	Transfes tumi a amunimuni (mmeamu/ntwamu)
trench	Amena

Intermediate School Level Science Glossary

ENGLISH	TWI
trial	Nsɔhwe
tropical	Beae a awɔ nni so (beae a ɔhyew wɔ)
troposphere	Ewiem nnidisɔ a etwa toɔ
trough	Adididaka
tumor	Dwoa a ehye nnipa mu
turbine	Droben kesee
type	Asɔto (ahorow ye)
<b>U</b>	
unbalanced forces	Ahɔɔden a ennye pe
undergo metamorphosis	Efa nsesaee mu
unequal	Ennye pe
unicellular	Abɔdee a ne sell ye baako pe
unifying themes	Adwenpɔ a edi nhyia
unique	Eɔa nso
universe	Ewiase (amansan)
unstable	Ennyina yie
<b>V</b>	<b>V</b>
vacuole	Ahaban mu akwaa bi
valley	Amena a ehye bepɔ mu (bon)
vapor	Ntutuo
variable	Nea etumi sesa
variation	Emu nsesa
variety	Ahodoɔ
vascular system	Ntinintini nhyehyeee
vascular tissue	Ntinintini a ewɔ abɔdee mu
vegetable	Atosodee
vehicle	Kaa
vein	Ntini a eɔe mogya kɔ akoma mu
velocity	Mmirika
vertebrate	Ewɔ akyi dompe
vibrate	ewosow
virus	Mmoawa eɔe yaree ba
visible	Ani tumi hunu
visible light	Kanea a ani tumi hunu
vitamin	Nuane nnuro
volcanic activity	Egya a efri bepɔ mu dwumadie
volcano	Egya a efri bepɔ mu (bepɔ a apae)
voltmeter	Afidie a esusu nyinam ahɔɔden mu tumi
volume	Emu kesee
<b>W</b>	
warm	Dedeededee (boturobodwo)
water	Nsuo
water cycle	Nsuo ntwaho (nsu kyinhyiadi)
water vapor	Ntutuo
wavelength	Mframa teneten



Intermediate School Level Science Glossary

ENGLISH	TWI
weather	Ewɛm nhyɛhyɛɛɛ
weathering	Aboɔ mu nwenwɛɛ
wedge	Adeɛ a wɔde fa nneɛma mmienu ntɛm
weight	Emu duro
wheel and axle	ntwaho ne ahoma afidie
white blood cell	Mogya mu adeɛ a ɛko tia nyarewa
wind	Mframa/ahum
wind vane	Afidie a ɛkyerɛ baabi mframa ani hwɛ
wise	Nyansa
work	Adwuma
wrinkle	Atwintwam
<b>Z</b>	
zone	Bea
zygote	Kosua a ahane