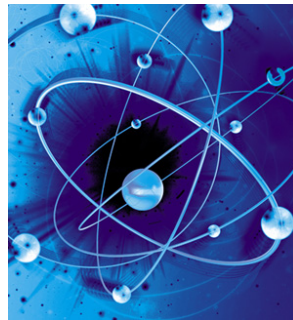
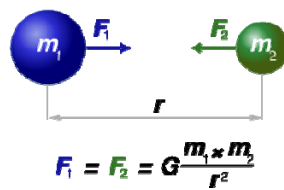


Glossary

High School Level Physics Glossary

English | Twi

Translation of Physics terms based on the
Coursework for Physics 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"](#)





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PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
A	
aberration	ewiem abɔdeɛ gyinabea nsesaɛ tiawa (mfonintwa a enni mu)
ability	tumi
absence	ɛnni hɔ
absolute scale	pɛpɛɛpɛ nsanie/nsɛnia
absolute zero	adeɛ a adwo koraa ayɛ nwonu (susudua so onwonu a ɛba fam sen biara)
absorption	ahɔɔdenneɛ kyɛɛ (adetwe)
absorption spectrum	ahɔɔdenneɛ so tee (adetwe ahorow)
accelerate	ɛnkɔ animu ntɛm (tu mmirika)
acceleration	ntɛm animkorɔ (mmirikatu)
acceleration of gravity	adeɛ bi ntɛm asehweɛ
accentuate	abam rebuo (dua si)
accompany	ɛdi akyire (ɛka ho)
accomplish	wie
accordance	peneɛ/nhyehyɛɛɛ pɛpɛɛpɛ (adwenekoro yɛ)
account	hwehwɛ mu (bu akontaa)
accumulate	boa ano
accuracy	pɛpɛɛpɛyɛ
accurate	pɛpɛɛpɛ
achieve	tumi ayɛ
acoustics	ɛnne nnyegyɛɛɛ tee ho adesua/nhwehwɛmu
action	nsesaɛ a ɛnam anaa ɛnnam ɔhyɛ so (adeyɛ)
activity	ahɔɔdenneɛ a ɛda so di adwuma (dwumadi)
actual	adeɛ a ɛwɔ ho ankasa
addition	nneɛma nkekabom adane baako (nkabom)
adhesive	adeɛ a ɛka nneɛma fam ho
adjacent	ɛbɔ hyɛɛ (wɔ nkyɛn)
advantage	mfasodeɛ/mfaso
aerodynamics	mframa ahokeka ne abɔdeɛ a ɛkeka ne ho ho adesua
air pollution	mframaseɛ
air resistance	mframa anosie
air track	ewiem kwan
aircraft	ewiemhyɛn
airfoil	ewiemhyɛn ntaban
airplane	ewiemhyɛn
alcohol	mmoronsa
algebra	nkontabuo a ɛde atwerɛdeɛ ne nkontabudeɛ di afra
allow	Pene/ma kwan
alternating current generator	afidie a ɛtoto anyinam ahɔɔden dwumadie
altimeter	afidie a yɛde susu tebea nsesaɛ bere a biribi rekɔ ewiem
aluminum	alominim
amber	adeɛ a yɛde sesa biribi ahosuo
ammeter	afidie a yɛde susu anyinam ahɔɔden
ampere	susudua a yɛde susu anyinam ahɔɔden
amplitude	susudua a yɛde susu ɛnne mpoeɛ/kwantu

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
analogy	nsɛdie ntotoho
analysis	mpɛnsɛmpɛnsɛmu
analyze	pɛnsɛpɛnsɛ mu
antinodal line	mpopoeɛ susudua beaeɛ nsensan a ɛkyerɛ biribi mpopoeɛ soroko pa ara
anemoscope	afidie a yɛde hwɛ mframa mmɔɛɛ
aneroid	nsunsuansoɔ a abɔntene mframa nya wɔ adaka bi so (nea nsu nnim)
aneroid barometer	afidie a yɛde susu mframa ahɔɔden a nsu nnka ho
angle	beaeɛ a nsensan mmienu hyia
ant.; antenna	adeɛ a yɛde kye redio ne TV kasa ne nnyigyei
antinode	mpopoeɛ susudua beaeɛ a ɛkyerɛ biribi mpopoeɛ soroko pa ara
antiparticle	biribi a ne su ne foforɔ sɛ nanso n'ahɔɔdenneɛ ne no bɔ abira
apparent	adeɛ a yetumi hunu (ɛda adi pefee)
appendix	honam akwaa a anyini aboro so (nkekaho)
applied force	ahɔɔdenneɛ a ɛredi dwuma ankasa
approach	twe pini (ɔkwan)
aquarium	nsutadeɛ adaka a esi fie
arbitrary	ɛntotonsie/nea akwankyerɛ pɔtee nnim
arc	kanko fa
archer	agyantofɔɔ
Archimedes' principle	Archimedes mmara
architect	adansie ho nhyehyɛɛ totofoɔ/mfoninyɛfo
area	beaeɛ
argon	ogyaframa a yɛde soso adeɛ ne deɛ bɔɔbo de ma
Aristotle	Aristotle
armature	nnadeɛ nhoma a yeabobɔ wɔ mfidie mu a anyinam ahɔɔden fa mu
arrow	peaw
arrangement	nhyehyɛɛ
artificial	adeɛ a nnipa ahwɛ abɔdeɛ so aye
artificial radioactivity	adeɛ a nnipa ahwɛ abɔdeɛ so aye a sɛ wopae mu ahɔɔdenneɛ firi mu pue
artillery	akodeɛ biara a yɛto
aspect	ne fa baabi
assemble	hyehye
assume	redwene sɛ
assumption	berɛ a wordwene sɛ
astronomer	onipa a ɔwɔ nimdeɛ wɔ ewiem abodeɛ bi te sɛ owia, nsoromma ho
astronomical	nneɛma a efa ewiem abodeɛ bi te sɛ owia, nsoromma ho
astronomy	nimdeɛ a efa ewiem abodeɛ bi te sɛ owia, nsoromama ho
athlete	mmirikatufɔɔ
atmosphere	ewiem ntutuo (mframa mu)
atmospheric	nneɛma a efa ewiem ntutuo ho
atom	adeɛ biara ne nkyekyɛmu fa ketewa koraa a wontumi nkyɛ mu bio

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
atomic energy	ahoddenneɛ a yɛnya firi adeɛ biara ne nkyekyɛmu fa ketewa koraa a wontumi nkyɛ mu bio mu
atomic mass unit	susudua a yɛde susu adeɛ biara ne nkyekyɛmu fa ketewa koraa a wontumi nkyɛ mu bio mu
atomic number	nɔma soronko a ɛkyerɛ proton ahodoɔ a ɛwɔ nuklɔso mu
attach	de tare ho
attain	duru botaeɛ ho
attract	retwe adwene
attraction	sɛ biribi retwe adwene
attractive	biribi a ɛtwe adwene
audience	sɛ yɛrete biribi (atiefo)
auditorium	beaeɛ a nnipa tena tie/hwɛ biribi
auditory	biribi a ɛfa otie ho
aurora	ewiem kanea a edi kan ba
aurora borealis	ewiem kanea a edi kan wɔ atifi fam
automobile	kwan so hyɛn
average	nɔma baako a yɛtumi de gyina ho ma nɔma ahodoɔ pii
average speed	mmirika a yɛ gye tom
average velocity	mmirika a yɛ gye tom wɔ berɛ pɔtee bi
axis	nsensaneɛ a yɛtumi de nɔma hyehyɛ so
axle	dadeɛ a ɛsoso kɔba mu
B	
back - EMF	akyire- EMF
baffle	retwa ahoddenneɛ ntoamu tia/yɛ nwonwa
balance	afidie a yɛde susu biribi mu duru
barometer	afidie a yɛde susu mframa ahoden
barrel	ankorɛ/gerawa
barrier	akwansideɛ
baryon	barion
base level	fapem beaeɛ
basic equation	ahyɛaseɛ nkontabuo ahyɛnsodeɛ
basin	asase ne fa baabi a ɛremem
basis	biribi nnyinaso
batter	nsu a emu api
battery	batere
bead (ex., optic bead)	afidie a yɛhwɛ mu de gyene yɛn ani
beaker	ahwehwe tɛmɛ
beam balance	Nsenia a yɛde susu nneɛma a ɛmu yɛ duru pa ara
beat	sɛ nnyegyeeɛ di ahyia a ɛmu baako biara bɔ
behave	redane suban adi wɔ kwan bi so
behind	akyire
bend	koa
beneath	aseɛ
bent	adeɛ a yɛakoa no
Bernoulli's principle	Bernoulli mmara
beyond	ɛboro so

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
billiard	εpono so bɔɔlobɔ agoro
bimetallic	adeε a εfiri nnadeε ahorow abien mu
bimetallic strip	adeε a yede yi adeε a εfiri nnade abien mu
binding energy	ahoddenneε a yehia de keka nneεma bi bom
binocular	afidie a yede yen ani mmienu hwε mu de hwε nneεma a εwo akyirikyiri.
black-hole	ewiem beae bi a nsoromma bi ate agu
blade	ade traα a ano ye nam
block	si kwan (blk)
blue	ahosuo bunu (bruu)
blur	adeε a emu/ani nna hɔ
bob	rekɔ ba ntentεm so
boiling	rehuru
boiling point	baabi a adeε bene ye hye pa ara kɔpem (penpenso a ade huru)
boldface	ntwerεεε/nkyerεwde a emu pi
bolt	bootu
Boltzmann constant	Boltzmann mmara a εgyina pintinnye so
bond	ahoddenneε a εka nneεma bɔ mu
boreal; borealis	ewiem kanea a edi kan wɔ atifi fam
bounce	repem asan (pem fam san kɔ soro)
boundary	εhyεε
bow	agyan
bowling ball	agoro a yeto bɔɔlo wɔ fam bobɔ nneεma
bowstring	agyan ahoma
Boyle's law	Boyle mmara
brain	Adwene/amemene
branch	nkorabata
brass	kɔbere ne sinki nkabom
breeder reactor	afidie a yede ye nneεma a yede gu mfidie mu ma no ahodden ye adwuma
brick	brekese
brief	tiawa
bristle	Hama a εgyina pintinn
broadcast	sε yerekasa afa mframa mu nam redio ne TV so (bɔ dawuru)
bubble	ahuro/ntutuo
bubble chamber	beaeε a yekora nsuo a ahuru pa ara a εretutu ntutuo wɔ
bug	mputupru haw a εba wɔ afidie bi ho
bugle	afidie a yede goro a ne su te sε totorobento
bulge	mputupru tetrεtεye (sε ade soa)
bullet	etuo aboba
buoyancy	sε biribi retete nsuo ani bere biara a wobεpia ahyε aseε
buoyant	adeε a etete nsuo ani bere biara a wobεpia ahyε aseε
buoyant force	ahodden a εma adeε etete nsuo ani bere biara a wobεpia ahyε aseε
burglar	sε worebu dan ani akowia adeε
burglar alarm	aben a εbɔ wɔ bere a obi rebu dan ani akowia adeε
by virtue of	εnam yei nti

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
C	
cable	Anyinam ahoma
cadmium	awunnuro a yede ye nneema bi te se batere ne ade
cadmium sulfide	nkyene a aboro wo mu a yede ye mfidie ahodo
calculate	sese
calculus	nkontabuo soronko koraa (kalkulus)
calibrate	susudua ho nsensanee a wo ye
caloric	efa zhyew/kalbris ho
caloric theory	adwenemusem a efa adee hyee ho
calorie	Kalori aduannuru
calorimeter	afidie a yede susu biribi hyee
camp	beae a nnipakuw bi wo
camper	Obi a ote beae a nnipakuw bi wo
candelabra	kaneadua a ewo mmem pii
candle	kyenera
cannonball	aboba akesea a yede hye premo mu
canoe	kodoo/korow
canyon	amena donko a nsuwa tene fa mu
capable	se obi wo tumi bi a o betumi de aye biribi
capacitance	tumi a anyinam adee wo a ema no tumi kora ahoddenee wo bere a beae enya ahodden no nni ho
capacitor	afidie a ema tumi a anyinam adee wo a ema no tumi kora ahoddenee wo bere a beae enya ahodden no nni ho
capacity	tumi a ema obi tumi ye biribi
capillary	Duruben a mogya fa mu
capillary action	Duruben a mogya fa mu dwumadie
capsule	afiri anaa aduru ketewa
carbon	mframa efiri fangoo ne ade mu ba (karon mframa)
carbon grain	mframa efiri fangoo ne ade aba mu ba
carbon tetrachloride	nsuo a awuduro wo mu a enni ahosuo biara
carpet	kuntunu a yede se dan mu tiatia so
carton	adaka
case	asem/adaka
cast	dura ho
catheter	doroben a yede hye nipadua no kwan baabi a nsuo anaa aduane fa mu eko anaa eba (duruben a wode hye ma dwensoo fa mu)
cathode	katode
cathode-ray tube	Duruben a ahoddenee fa mu enam so ma etumi hyeren
cause	ne farebae
cavity	ekwan a eda baabi
celestial	awia, bosome, ne nsoromma a ewo wiem
Celsius Scale	nsanie a yede susu biribi nwunu anaa ne hyee
cement	semente
centimeter	susudua a yede susu biribi tenten
centripetal	biribi a erekeka ko adee bi mfimfini
centripetal acceleration	se biribi rekeka ko adee bi mfimfini ntentem so

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
centripetal force	ahoddennee a ehia se etumi ma biribi keka ko adee bi mfimfini
cesium	sesiom
chamber	beaee a yetumi tena anaa yede biribi guo
characteristic	ne su
charge	se woreye na ahoddennee abegu biribi mu
charged	se ahoddennee abegu biribi mu
charging by conduction	se woreye na ahoddennee a enam anyinam ahoden a ewo sekut mu so abegu biribi mu
charging by induction	se woreye na ahoddennee a enam anyinam ahoden so abegu biribi mu
Charles' Law	Charles Mmara
chimney	duruben a wusiw fa mu
chloroform	nsuo a awuduru wo mu a yede nane adee (klorofom nsu)
chord	nsensanee a eka epɔ mmieniu bom wo kanko so
chromatic	efa biribi a n'ahosuo no mu api pa ara
chromatic aberration	se efa biribi a n'ahosuo no mu api pa ara enna adi yie
circuit	ekwan a anyinam ahoden nam so
circuit breaker	biribi a eno ankasa tumi twa anyinam ahoden so bere a n'ahoden no aboro so
circular	kanko su
clarinet	atentenben
clarity	se emu da ho
clockwise	se biribi retwa ne ho kanko mu fi benkum ko nifa
club	abaa a emu ye duru
cluster	ewiem abodee a eboaboa ano wo faako
cobalt	adee a yede ye albe dadee
cochlea	ekwan a eda asom a etaa bobo te se nwa konkura
coefficient	no ma a yegyina so de susu biribi su
coefficient of friction	no ma a yegyina so de susu biribi nkyemu dedeye
coefficient of linear expansion	no ma a yegyina so de susu biribi tetrete mu tre
coefficient of volume expansion	no ma a yegyina so de susu biribi mu duro tre
cohesive	adee a ewo biribi tare
cohesive force	ahoddennee a ema biribi so tare
coil	biribi a abobo kurukuruwa
coincidence	ene no abehyia
collect	reboaboa ano
collection	se woreboaboa biribi ano
collide	redi ahyiamu
collision	se biribi redi ahyiamu
column	beaee tenten mu baabi
combination	nkabom
combustion	se biribi rebene aye hye ama hann
commercial	adwadie
commutator	komuteta (nea wode dan anyinam ahoden ani)
compare	retoto ho
comparison	ntotoho
compartment	nkyekyemu

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
compass	akwankyere afidie
complementary	Nea wɔde ka ade foforo ho
complementary colours	ahosuo a ɛɔ abira a se woka bom a ɛma ahosuo foforo
complementary pigment	adeɛ a ɛma biribi n'ahosuo a saa ahosuo ahodoɔ no woka bom a ɛma ahosuo foforo
complex	se woreka nnuro ahodoɔ abobom wo kwan bi so (emu nneema dɔɔso)
component	ne fa baabi (emu ade)
compress	remoa biribi aye no ketewa
compression	se biribi remoa aye ketewa
Compton effect	Compton nsunsuansoɔ
concave	ɛkwan a ɛda biribi a akoa te se kyensee mu
concave lens	ɛkwan a ɛda biribi a akoa a ɛmu da ho (konkefi lens)
concave mirror	ɛkwan a ɛda biribi a akoa te se kyensee mu a ɛye ahwehwe (konkefi ahwehwe)
concept	Adwene/nsusuwii
concrete	potee
concurrent forces	ahoddenɛ a ɛreyɛ adwuma bere korɔ mu
condensation	se yeredane nsuo abeye biribi a ɛmu ye duru (mframa dan nsu)
condense	redane nsuo abeye biribi a ɛmu ye duru (redan nsu)
conduct	rema kanea, ehew, anaa nnyegyeee afa mu
conduction	se biribi rema kanea, ehew, anaa nnyegyeee afa mu
conductivity	se biribi renya tumi ama kanea, ehew, anaa nnyegyeee afa mu
conductor	biribi a anyinam ahodden tumi fa mu
cone	kon
confine	reka biribi aye wo beaɛ potee bi
congruent	kongrɛnte/di nse
consciousness	ani reba ne ho so
consequence	nsunsuansoɔ
conservation	se yerekora biribi so
conservation law	adekora ho mmara
consider	dwene ho
consist	ɛka ho/nea ɛwom
consonance	baakoyɛ
constant	Daa/nea ɛnsesa
constructive	deɛ ɛfa mpuntuo ho (nea ɛde mpontu ba)
constructive interference	se biribi reba mu abeboa
contact	di nkitaho
contain	ɛwo mu
contract	nhyehyee/apam
contraction	se ntini repua na ɛmu repi (se ade mu remoa)
contrast	abirabo
control	tumi
control rod	tumi abaa
convalescence	ayaresa mmere mu
convection	se ehew refiri beaɛ bi ako baabi foforo
convenient	ahogono mu (ne papa mu)

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
converging lens	ahwehweniwa a etumi de ani hwe adee baako bere korɔ mu
conversion	nseae
convert	sesa
Convex	biribi a emu apu aba
convex lens	ahwehweniwa a nkanea fa mu a ehwete
convex mirror	ahwehwe a apu aba
Copper	kɔbere
Cord	ahoma bi a emu go
Cornerstone	tweatiboɔ
Corresponding	biribi ne biribi hyia
Cosine	nsensanee mmiensa nhyiaeso nsusuiɛ (Kosain)
Coulomb	anyinam ahɔden nsusuiɛ wɔ anibuo mu
Coulomb's Law	Coulomb Mmara (a efa anyinam ahɔden nsusuiɛ wɔ anibuo mu)
Crack	pae/bɔ
Craft	Adwinnie ye
Crate	amena a topae gya wɔ asase ani
Crest	beae a ewɔ soro pa ara wɔ kanko mu
Critical	beae pɔtee bi a epae kɔ mmeae ahodoɔ (Titiriw)
critical angle	beae pɔtee bi a nkanea tumi dane ne ho fa akwan aforoɔ so
Crowded	biribi abɔ apee so
crown glass	ahwehwe bi a kanea fa mu a, entaa nhwete
Crystal	biribi a eye den a yetumi sɔ mu (Ahwehwebo)
crystal lattice	Abɔde mu adewa ahorow a wɔahyehye
Crystalline	biribi a eye den a yesɔ mu a, eye yie
Cube	adaka
Cubic	biribi a ete se adaka
cubic meter	afidie a wɔde susu biribi te se adaka
Curious	mfeefeemu
Curvature	sedee biribi koa fa
Curve	Koa yebea
Cyan	ahosuo a shyɛ bluu ne ahabanmono ntam
Cycle	dee etwa ne ho kɔ ba
Cymbal	plɛete bi a wɔde braase aye a wode abaa bɔ so a eye dede pa ara
Cylinder	biribi a ne yebea te se ankore anaa kuruwa (silinda)
D	
Damage	see
Dart	botwi (bɛmma ketewa)
Data	nsem
de Broglie Principle	deBroglie mmara
Decay	prɔee/ade reporoɔw
Deceleration	anoden nhwansoɔ (biribi mmirika a ano bre ase)
Deci	edu mu abupɛn baako
Decibel	nnyegyeee anoden susudua
Decimeter	mita edu mu abupɛn baako
Deck	suhyɛn mu
Decrease	te so/hwane so

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
Define	kyere mu
Definite	pepepe/potee
Deformation	Ɔsee (Yebea a eresee)
Degree	mpɔmpɔnsɔ
deka = deca	edu
Decameter	mita du
Deliver	de kɔma
Demonstration	Ɔyɛkyere
Density	Ɛmu duro
Depend	De ho to so
dependent variable	Mfamho nsesaɛ (nsakraede a egyina foforo so)
Derive	Nya firi
derived unit	Nnyafirimu susudua
Descend	Siane
Descent	Famkɔ
Design	hyehye
Destructive	deɛ ɛsee ade
destructive interference	sɛ asorɔkye mmienu ahyia na wɔn nsunsuansɔ no akɔye ohunu
Detection	Nhunumu/Biribi hu
Detector	Afidie a wɔde hwehwe biribi mu
Determine	biribi Hu
Deviate	Kyea
Device	Adeyɔdeɛ/Adwinnade/Afiri
Dewdrop	bɔsuo
dew point	beaɛ a bɔsuo hyehye
Diameter	nsaneɛ a ɛkye kɔntɔnkɔn mu mmienu (Kɔntɔnkɔn mu tenten)
Diamond	Dɛnkyɛmmoɔ
Diaphragm	Honam akwaa a ɛda ɛbo ne yafunu ntam
Differ	Da nso (Ye soronko)
difference in electric potential	Anyinam mu tumi a ɛsono
Diffract	Si kanea anaa nnyegyeeɛ asorɔkye ho kwan
Diffraction	Kanea anaa nnyegyeeɛ asorɔkye anosie
diffraction grating	adeyɔdeɛ a ɛtete kanea nsensaneɛ ntam
Diffuse	bebree Trɛ kɔ mmeaɛ
diffuse reflection	kanea anaa asorɔkye sunsuma a ɛhwete kɔ mmeaɛ ahodoɔ
Digit	Nɔma
Dimension	Tentenye
Dimmer	Asusudeɛ a wɔde sesa kanea hyeren
Dip	De hye mu
Direction	Kwan
Directly	Tee
Discover	Hunu
Disintegrate	Tete mu
Disorder	kyema/basabasaye/sakasaka
Disperse	paapae mu
Dispersion	mpaapaemu
Displace	biribi refiri ne gyinabea

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
Displacement	sɛ yɛrɛy iberibi a firine gyinabea
Disprove	rekyerɛ sɛ ɛnyɛ nokware
Disregard	Emmu (Bu ani gu so)
Dissipate	Ma ntetewmu mmra
Dissonance	nnigyei ahorow a enhyia
Distance	kwan a ɛda mmeaɛɛ mmienu ntam
Distant	emu twe
Distort	resesa biribi tebea (ma biribi hwere ne yɛbea)
Distortion	Yɛbea/Su nsesaɛɛ
Distribute	kyekyɛ
Disturb	Teetee/haw adwene
Disturbance	Ateetee
Dive	Dɔ asuko
Diver	Obi a ɔɔɔ asuko
Diverge	Fa kwan foforo so
diverging lens	ahwehwɛ a ɛma kanea nsensaneɛɛ a ɛbom manemane
Divide	Kyɛ mu
Divider	Deɛ ɛkyɛ biribi mu
Division	Nkyekyɛmu
Dock	Beaɛ suhyɛn gyina wɔ nsuo so
Dockhand	suhyɛn mu Deɛ ɔboa yiya anaa hyehyɛ akoradeɛ wɔ
Dog	ɔkraman
Domain	Aheman (Beaɛ a biribi nkentenso wɔ)
Doppler	susudeɛ a wɔde susu kanea anaa nnyegyeeɛ asorɔkye
Doppler effect	nsesaɛɛ a ɛba wɔ mpen dodoɔ a kanea anaa asorɔkye bi da adi wɔ bere a ɔhwɛfoɔ no ani kyere beaɛɛ a asorɔkye no firi reba no
Doppler shift	nsesaɛɛ a ɛba wɔ mpen dodoɔ a kanea anaa asorɔkye bi da adi wɔ bere a ɔhwɛfoɔ no ne beaɛɛ a asorɔkye no firi reba no di nhweanim
Double	Mmienu (Mmɔho abien)
double slit diffraction	sɛ hann repue ntokuro mmienu mu apue
Drag	tase we
Draw	Yɛ mfonin
Drop	Asusue (Nsosɔɛ)
Droplet	asusue kumaa (nsosɔɛ)
Drum	Twene
Ductility	dadeɛ su baako a ɛboa ma wɔkoakoa mu a ɛnsee
Dust	Mfuturo
Dynamics	Tumi ahorow a ɛma biribi kɔ
E	
Ear	Aso
Eardrum	Aso no fa baabi a ɛma onipa te asem
Echo	Nnyegyeeɛ a ɛsane kɔ ɔkasafɔɔ so ma ɔte
Eclipse	Bere a bosome kata awia so
eclipse of the sun	Bere a bosome no akotɔ awia ne asaase ntam
ecological	Twaka a ɛda nneema a nkwa wom ne wɔn atenaɛɛ ntam

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
Ecology	Nneema a nkwa wom ne wɔn atenaɛ nkitahodie
economical	Ahweyie wɔ biribi die mu (nea eka pii nnim)
Effect	Nsunsuansoɔ
Effective	Nsunsuanso pa (Di dwuma yiye)
effective resistance	adeɛ a ene adeɛ a ema anyinam ahɔden kyekye anyinam mu dodoɔ yɛ pɛ
effectively	Deɛ edi mu (dwumadi yiye)
efficiency	Mmɔdemmo
Effort	Anammɔntuo
Einstein	Einstein
Elastic	Deɛ ɛsɔ (Wotumi twe mu)
elastic collision	ahyiaɛ a ahɔden a ɛwɔ honam mmieniu no mu no so nte
Elasticity	Twannyɛ
Electric	Anyinam ahɔden
electric current	Anyinam ahɔden
electric field	Beaɛ a anyinam ahɔden fa wɔ biribi ho
electric field intensity	Ahɔden a beaɛ a anyinam ahɔden fa wɔ biribi ho wɔ
electric field line	nsaneɛ a anyinam ahɔden fa so wɔ beaɛ bi
electric force	Tumi a ɛwɔ anyinam ahɔden mu
electric generator	Deɛ/afiriɛma anyinam ahɔden
electric potential	anyinam ahɔden
electrode	Deɛ ema anyinam ahɔden ho kwan ma no fa mu
electromagnet	Dadeɛ a yɛaye no twebɔɔ a anyinam ahɔden fa mu
electromagnetic	Deɛ ema anyinam ahɔden kwan ma no fa mu
electromagnetic force	ahɔden a ɛwɔ anyinam ahɔden a ɛnenam twebɔɔ ho
electromagnetic induction	anyinam ahɔden a wɔde ma adeɛ a anyinam ahɔden tumi fa mu
electromagnetic wave	asorɔkye a ɛda adi wɔ beaɛ a anyinam ahɔden a ɛnenam twebɔɔ ho
electromagnetism	nkitahodie a ɛkɔ so wɔ anyinam ahɔden ne twebɔɔ ntam
electromotive (EMF)	deɛ ema anyinam ahɔden (EMF)
Electron	Elektrɔn
electron cloud	ɛkyɛ beaɛ a elektrɔn bi wɔ bere a ɛnenam atɔm mfimfini
electroscope	Adeyɔdeɛ a wɔde susu anyinam ahɔden
Elevator	Afidie a ɛpɔgya biribi
eliminate	Yi firi mu
Ellipse	Deɛ ne bɔbea te sɛ kosua
elongation	Tentenye
Embed	Sie/Fa hyɛ
Emerge	Pue fi
emergency	Deɛ ɛhia sɛ wɔma ani kɔ ho (tebea egye ntɛmpɛ)
emission spectrum	asorɔkyee dodoɔ a anyinam ahɔden de ma
Emit	Firi/yi adi
empirical	nnyinasodeɛ/gyina nea ɛreɔ so ankasa so
Enable	ma obi tumi di dwuma
Enclose	fa ade hyɛ mu
Encounter	Hya

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
Energetic	Ahɔɔdenne/Keka ne ho
energetic state	Ahɔɔden tebea mu
Energy	Ahɔɔden/Anyinam
energy crisis	anyinam ho haw
energy level	anyinam/ahɔɔden dodow
Engineer	Hyeheye biribi/Afiri hyehyefo
Enormous	Deɛ ɛso
Enrichment	Ahosiesie a ɛdi mu
Enter	Wuram
Entropy	entropi
Equation	Equahyen/akontaabu mu pɛye asem
Equator	asase so hama a ɛkyɛ mu abien fi benkum kɔ nifa
Equilibrant	Ma ebi nso nsene obi
equilibrant force	Tumi a ɛmma ebi nso nsene obi
Equilibrium	ɛbi nso nsene bi
equilibrium position	Gyinabea a ebi nso nsene obi
Equipment	Mfidie/adwinnade/nnwinnade
Equivalent	Ye pɛ
Erect	Birim/egyina hɔ pintinn
Essence	ɛso mfasɔ
Essentially	ɛho hia/ne titiriw no
Ether	Ether
Evaporate	Tu (Dan suwusiw)
Evaporation	Ntuie (Suwusiw dan)
Evenly	Pɛpɛye/Pɛpɛpɛ
Evenness	Pɛpɛye/Pɛ a biribi ye
Eventually	Eno akyi
Evidence	Adansee
Except	Gye sɛ
Exception	Da nsow/nea ɛmfa ho
excited state	Anigyɛ tebea mu
Exert	De ahɔɔden ye biribi
Exhaust	Sa/ma biribi sa
Exhibit	Yi kyerɛ (Da adi)
Exist	Wɔ hɔ/ pue
Expand	Trew mu
Expansion	Ntrewmu
Expect	Hwe kwan
Expel	Yi adi (Tu fi)
Experiment	Nhwɛsɔ/Sɔhwɛ
Explore	Hwehwe
Exponent	mmɔho ahyensode)
Exponential	Exponɛnhyia (Fa mmɔho ahyensode nɔma ho)
exponential notation	mmɔho ahyensode nɔma nkyerɛwde
Exposure	Da no adi (Adiyi)
Express	Da adi
Extend	Trew

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
External	Deɛ ɛfiri abɔntene (Ennim)
external force	Tumi a ɛfiri abɔntene
Extrapolation	Akontaabu a nea wonya nni nea wɔhwɛ kwan mu
Extreme	Mmorosoɔ/ɛboro so
Extremely	Mmorosoɔ/ɔkwan a ɛboro so so
F	
Faint	Twa hwe
Farad	Farad
Farsightedness	Ntumi nhu nneɛma a ɛbɛn
Feat	Nea obi atumi aye
Fiber	hama teaa
fiber optics	Faiba optiks
Fiction	Bɔserɛmuka
Field	Beaɛɛ
Filament	Filamente
final velocity	Mmirika a ɛtwa toɔ
Finger	Nsatea
first law of motion	mmirika mu mmara a edi kan
first neutron	Niutrɔn a ɛdi kan
first-order-line	Hyeɛhyɛ no nnidisoɔ nnidisoɔ
Fission	Adewa bi mu mpaɛpaɛmu
Fixed	ɛnsesa
Flame	Gyaframa
Flare	gya a ɛpae gu prɛko pɛ
Flatten	Aye tratra
Flick	Perɛw
flint glass	Ahwehwɛ a ɛye den
Float	Tetɛ nsu ani anaa mframa mu
Fluid	Nsuonsuo
fluorescent lamp	Kanea a ɛtete yerɛwyerɛw
Flute	Abɛn
Flux	Sɛnea anyinam resen
Focal	Nhweɛ/nea ani wɔ so
focal length	Nhweɛ no tentene
focal point	Beaɛɛ a ɛɛɛ sɛ wo hwe
Focus	Hweɛ tee
Fog	Huruhurow
Force	Tumi
force of friction	Tumi a ɛma biribi twitwi
Fork	Adinam/Fɔɔke
Form	Yebea
Fraction	Nkyekyemu
Frame	Nnyinasoɔ/Yebea
frame of reference	Akwankyerɛ ahorow
Framework	Dwumadie nnyinasoɔ
Freedom	Ahofadie

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
free-fall	Te hwe
freezing point	Beaeε/penpenso a εkyene
Freon	Freon
Frequency	Mpen dodoɔ
Frequently	Hyewhyew/ntεmntεm
Friction	ntweε/adetwi
Frictional	ntweεdeε
Frictionless	tweε biara mma/entwitwi
Frozen	Akyene/ayε nwini
Fundamental	Abɔsee/titiriw/mfiase
Fur	Nwi
Furthermore	Afei nso
Fuse	fiusu
G	
Gain	Nya
Galaxy	Okyininsoromma kuw
Galvanometer	afidie a yεde susu anyinam ahɔɔden kumaa akɔneaba
Galvanic	anyinam ahɔɔdenneε
galvanic cell	adeε a εtumi ma anyinam ahɔɔden
Gamma ray	Gamma ray
Gap	Tokuro/ɔkwɔn
Gas	Mframa gya
gas law	Mframa gya ho mmara
Gaseous	Mframa gya adeε
Gasoline	Fangoo
Gauge	Nsusudeε
Geiger-Muller tube	Geiger- Muller doroben/duruben
general theory of relativity	mmara a εfa nea wontumi nsi pi wɔ mu ho
Generate	Yε
Germanium	Germanium
Giga	Giga
Give	Fa ma
Glance	Fa w’ani hwε mu
Glass	Ahwehwe
Glider	Obi a ɔde adwinnade tu kɔ wim
Gluon	Gluon
Gold	Sika kɔkɔɔ
Govern	Di so
Gradual	Nkakrankakra
Gradually	Nkakrankakra
Grain	Aba a wɔdua
Grains	Mma a wɔdua
Gram	Susu kuruwa (Gram susude)
Graph	Graafo/nsesanee mfonin
Graphical	graafo adeε
Grating	nnua a ebiara twa ɔfoforo mu

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
Gravitation	tumi a etwe adeɛ ba fam
gravitational field	beaeɛ a tumi a etwe adeɛ ba fam wɔ
gravitational force	tumi a etwe adeɛ ba fam
gravitation mass	tumi a etwe biribi ba fam mu duru
gravitation potential energy	tumi a etwe biribi fam ahɔɔden
Graviton	gravitɔn
Gravity	tumi a etwe biribi ba fam
Green	Ahahanmono/ahabammono
ground state	fam tebea
Grounding	fapem
Gyroscope	gyirosukɔpu
H	
Half-life	Bere a biribi so tew ma ɛka fa
Halt	Gyina/gyae
Hammer	abɔsɔbaa
Handle	nsa/kura
Harmonic	koroyɛ
Harmonious	Koroyɛ
Haul	twe
Headlamp	kanea a yɛde bɔ moma so (anim kanea)
Heat	ɔhyew
heat effect	hyew so nsunsuansɔɔ
heat engine	afidie a yɛde nane adeɛ
heat of fusion	hyew a ɛnane adeɛ
heat of vaporization	hyew a ɛma adeɛ fi suwisiw
heat pump	afidie a ɛma hyew
specific heat	hyew pɔtee
Heavy	Mu yɛ duru
Hector	hɛkita
Hectometer	afidie a yɛde susu hɛkita
Height	Tentene/sorokɔ
Heisenberg uncertainty principle	Heisenberg mmara a ɛfa adwene ntanta ho
Helicopter	wiemhyɛn a ɛtumi si asase afanan baabiara
Helium	Helium
Hence	ɛno nti
Hertz	Anibuo biako ntwanho
high temperature source	ahɔɔhyew a ɛkɔ soro fibe
Hiker	obi a ɔnantew kwan tenten de gye n'ani
Hilly	mmepɔ mu (mmepɔwmmepɔw)
Hockey	hɔki
Hollow	deɛ ɛmu dɔ (nea tokuru da mu)
Hooke's law	Hooke mmara
Horizontally	ntentenesɔɔ/kwan a ɛda hɔ so
Horn	abeɛɛn/abɛn
Huge	ɛso
Hull	Nkataho/ɛho

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
Hydraulic	haedrɔleke (nea ehia nsu/ngo de aye adwuma)
hydraulic system	haedrɔleke nhyehyee
Hydrogen	mframa gya (haidrogyen)
Hydrodynamics	nsu ahorow akɔneaba
Hydrostatics	nsu ahorow su ho adesua
I	
Ideal	Deɛ eyɛ
ideal gas	mframa gya a eyɛ
ideal gas law	mframa gya a eyɛ ho mmara
ideal mechanical advantage (IMA)	Ideal mechanical advantage (IMA)
Ignite	Sɔ gya (kanyan)
Ignition	Hye mu kena
Illuminance	Kanea a erehyeren
Illuminate	rehyeren
illuminated body	nnipadua a erehyeren
Illumination	sɛ biribi rehyeren
Illusion	Sunsuma (nsusuwii hunu)
Image	mfonin
Imagine	de adwene rebu
Immerse	hye nsuo mu
Immersion	nsuo ase hye
immersion heater	afidie a wɔde hye nsu mu ma eyɛ hyew
Impart	de ma
Implication	nsunsuansoɔ
Impossible	erenye yie
Impulse	Nkate
Incandescent	erepa gya
incandescent lamp	Kanea a epa gya
Incident	Biribi a asi
Incident pulse	Ntini rebɔ bere a biribi asi
Incident wave	Asorɔkye rebɔ bere a biribi asi
Incision	Twa mu mmienu
Inclined	Akyea
Inclined plane	Dua a akyea
Incompressible	Ntumi mpua/mmoa
Increase	Ma edɔsɔ/ɛkɔ soro
independent variable	Aba a etumi gyina ne ho so
Independence	Fahodie
Index of refraction	Indese mu rifrahiyen (kanea mmirika wɔ ahun anaa nsu mu)
Indicate	Kyerɛ
Indication	De rekyerɛ (nea ekyerɛ)
Individual	Ankorankore
Induction	De rehye mu (bere a anyinam rekɔ na esakra de tumi bi ba)
inductive reactance	anyinam kwansiw
Inelastic	Deɛ ensɔ (nea wontumi ntwe mu)
inelastic collision	Deɛ ensɔ nkabomu

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
Inertia	faako tena tumi
inertial mass	Nneema akuo a ete faako (faako tena tumi dodow)
Inexpensive	Boɔ nnye den
Inflate	Hu mframa gu mu
Influence	Nkentensoɔ
Initial	Ahyeasee
initial momentum	Nneema dodoɔ a erehye aseɛ (mmirika tumi a edi kan)
initial velocity	Mmirika a biribi de hye ase
inner ear	Aso mu
Input	nea ekɔ mu/wɔde ye
Insect	Akoekoeboa
Insert	De hye mu
Instant	Amonomu/amonom ho ara
Instantaneous	ba mpofirim
instantaneous speed	mpofirim mmirika
instantaneous velocity	mpofirim mmirika
Instantaneously	Amonomu ho ara
Instead	Na mmom
Instrument	Afidie/adwinnade
Insulate	Kata so (Siw kwan)
Insulator	Nkatasoɔ/nea esiw kwan)
Intake	Twe kɔ mu (Adetwe)
Integer	Akontaabu mu aba
Integrate	Ka bom
integrated circuit	Sekiutu a aka abom
Intensity	Anoɔden/denye
Interaction	Nkitahodie
Intercept	Si kwan
Interfere	Twintwan anan mu
Interference	Retwintwan anan mu
Intermediate	Ntamgyina
Internal	emu
internal energy	Ahoɔden a ehye biribi mu
internal force	Tumi a ehye biribi mu
Interparticle	Biribi rekɔ so wɔ nneema mmienu ntam
Interpretation	Kyerɛ aseɛ
interrupt (to)	Twitware biribi mu
Interstellar	Nsoromma ahorow ntam/mu
Interval	ekwan a eda mu
Interlock	Mankyere ho (Afiri a emma ɔfoforo nnye adwuma)
Invent	Ye biribi foforo
Inverse	Abirabɔdee
inverse variation	Abirabɔdee a egu ahodoɔ
Inversely	Abirabɔdee/abirabɔ mu no
Invert	Si ne ti ase
Investigate	hwehwe mu
Inward	emu/de kɔ mu

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
Ion	ayɔn (ion)
Iridium	Iridium
Iron	ayɔn (iron)/dade
Irrigate	Bue nsuo (Bu nsu gu)
Isolate	Te ne ho (Tew fi ho)
isolated system	nhɛhyɛɛɛ a ɛtɛ/atɛw ne ho
Isotope	Isotopu
J	
jet plane	jɛtɛ wiɛmuhyɛn
Jeweler	Obi a ɔtɔn agudɛɛ
Joule	Ahɔɔdenɛɛ, adwuma anaa ɔhyɛw nsusuɛ
Jupiter	Okyininsoromma kɛsɛɛ pa ara a ɛtɔ so num (Gyupita)
K	
Kelvin	Kelvin
Kelvin scale	Kelvin nsanie/susudua/susude
kidney	Asaabɔɔ
kilo	Biribi nsusuɛ (kilo)
kilogram	Biribi mu duro (kilogram)
kilometer	Kwansini/kilomita
kilopascal	Kilo paskaale
kilowatt	Kilowaate
kilowatt hour	Kilowaate dɔnhwerew
kinematics	Afiridwuma a ɛhwɛ sɛdɛɛ biribi keka ne ho
kinetic energy	Tumi a ɛma biribi keka ne ho
kinetic molecular theory	Adwenemusɛm a ɛfa sɛdɛɛ nneɛma nketɛwa keka ne ho
kinetic theory	Adwenemusɛm a ɛfa sɛdɛɛ biribi keka ne ho
knapsack	Aboa nwoma baage a wɔdɛ yɛn akyi (Baage a wɔdɛ to akyi)
knob	Biribi a ɛtɛ sɛ ɛpɔw
krypton	Kreptin
L	
laboratory	Beaɛɛ a wɔyɛ abɔdɛ mu mpɛnsɛnpɛnsɛmu
lack	Nni
laser	Yiwan (Nhwehwɛmu kanea afiri)
lattice	Lattɛsɛ
launch	Awiaduane
law	Mmara
law of action and reaction	Mmara a ɛfa anamɔntuo ne dɛɛ yɛ yɛ de tua obi ka (si a biribi si ne nea efi mu ba ho mmara)
law of conservation of momentum	Mmara a ɛfa sɛnɛa yɛkɔra mmirika tumi ho
lawn	Nhwiren
lawn mower	Afidie a yɛdɛ twitwa nhwiren
lead	Di kan/ lɛɛdɛ
leak	Sosɔ
ledge	Lɛɛgyɛ/biribi ano

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
left-hand rule	Nsa benkum ho mmara
legend	Anansesem
length	Tentene
lengthen	Twe mu
lens	ahwehwɛ aniwa
Lenz's Law	Lenz mmara
lepton	Lepton
level	Pɛ yɛ (Mpenpenso)
lever	Ntwɛɛ
Leyden Jar	Leyden Jar
liberate	Ma fahodie
librarian	Nhomakorabea so hwɛfo
lift	Pagya/ ma so
light	Kanea/mu yɛ hare
light wave	Kanea kwan
likewise	Saa ara nso na
line	Nsanho
linear	Sa so
linear accelerator	Anyinam nnewa a esa so
linear equation	akontaabu mu pɛyɛ asem
liner	Nsamu (po so hyɛn a efa nnipa/ntama a wɔde sɛ ɔfoforo mu)
lip	Anofafa
liquefy	ma ade dan nsu
liquid	Nsuonsuo
liter	Lita
literally	Traa mu (yɛrefa asem no saa a)
location	Beaɛɛ
lodestone	Nkyeneboɔ
longitudinal	Ntentenesoɔ
longitudinal wave	Ntentenesoɔ kwan
loudness	Gyegyeeɣyɛ/ne nnyigyɛi
loudspeaker	Nnyegyɛɛ a obi te (kasa afiri)
low	Famu/fam
low temperature sink	Temperikya a ɛwɔ fam adaka
lubricant	Ngo a emma biribi nwe nnaakye
lumen	Lumen
luminous	Adeɛ a ɛtete yerɛwyerɛw
luminous flux	anyinam kanea mmirika
luminous intensity	yerɛwyerɛw no ano den (kanea anoden)
lunar	Lunar/fa ɔsram ho/te sɛ ɔsram
lunar module	wimhyɛn a ɛkɔ ɔsram so ba
lung	Ahrawa/ahurututu

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
M	
magenta	Ahosuo a eyeye kɔkɔ pa ara
magnet	Twebɔɔ/magneti
magnetic	Twebɔɔ/wɔ magneti tumi
magnetic field	Beaee a twebɔɔ di dwuma anaa etumi twe ade
magnetic field line	Beaee pɔtee a twebɔɔ di dwuma
magnetic flux	Twebɔɔ tumi a ede twe nneema
magnetic induction	Twebɔɔ nhyesoɔ (tumi a biribi nya de twe ade fam ho)
magnetism	Adane twebɔɔ (magneti ho adesua)
magnification	eredane twebɔɔ (ade a wɔma eye kese)
magnify	Ma eye kesee
magnifying glass	Ahwehwɛaniwa a ema wuhu adee yiye
magnitude	Kesee
maintain	kora senea ete
malleability	eso (senea wotumi dannan biribi fa)
manner	Yebea
manufacture	Nwono/nwene/ye
mass	emu duru
mass defect	Adee mu duru a ato kyema
mass number	Nɔma a ewɔ adee mu duru ho (mass nɔma)
mass spectrograph	Adee mu duru ho spektrografu (mass afiri)
massive	Dee emu ye duru yie (kese paa)
mathematical science	Nkonta ho nyansahunu (Akontaabu)
mathematically	Nkontaa kwan so
mathematician	Obi onnim nkonta (akontaabu mu obenfo)
matter	ade/biribi/asem
matter wave	ade/biribi akoneaba
maximum	Pɔnpɔnsɔɔ
mean	Adantam/dodow a wɔhwe kwan
measurable	Wotumi susuw
measurement	Nsusuie
mechanical advantage	tumi a afiri yi no adi a wode atoto tumi a wode hyee mu ho susude
mechanical energy	ahoden/tumi a biribi de kɔ
mechanical force	tumi a biribi de kɔ
mechanical wave	akoneaba tumi kwan
medical	Aduroye (fa aduruye ho)
medium	ɔkwan a biribi fa so si
mega	Mega
megahertz	Megahete
megawatt	Megawatte
melt	Nane
melting point	Pɛnpɛnso a biribi nane
membrane	nea ese nkwanmoa mu
mercury	mekuri
mercury barometer	mekuri baromita

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
meson	mɛsɔn
metabolism	akwaa ahorow dwumadi
metal runner	obi a odi nnade ho gua
meteorology	ewiem mu nsakrae ho nhomasua
meteoroid	mɛtiorɔid
methanol	mɛthanol
method	ɔkwan
meticulously	Pɛ biribiara fenenkyem (Pɛpɛɛpɛ kwan so)
metric system	Metrik nhyehyɛɛɛ
micro	Deɛ esua paa
microfarad	Farad a esua paa
microphone	Akasamu
microprocessor	Maekroprosesa
microscope	Afidie a yɛde hwɛ nnɔɔma nketewa paa
microscopic	nea esua paa
microwave	Microwave
middle ear	Aso mu tokuru
Milky Way Galaxy	Milky Way Okyini nsonomma
milli	Milli
milliampere	Milliampere
millibar	Millibar
milligram	Milligram
milliliter	Millilita
millimeter	Millimita
mirage	Sunsuma
mirror	Ahwehwe
mix	Fra
mixed	Afra
mixture	afrade
moderate	ɛhɔ ne hɔ
moderator	Ntamgyinafo
modification	Nsakrae
modify	Sakra mu
module	Module/fa a wotumi de ka foforo ho
mole	Mole
molecule	mɔlikul
momenta	tumi a ade a ɛrekɔ wɔ
momentum	tumi a ade a ɛrekɔ wɔ
motion	Anamɔntuo
mouthpiece	Adeɛ a ɛwura nnipa anom
mower	Afidie a yɛde dɔ/twa sre
mud	Atekyɛ
multiple	Mmɔho
multiplication	Mmɔho
multiply	bu mmɔho
muon=meson	miuɔn=mɛson
mutual	su a ɛwɔ ha wɔ ha

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
mutually	Adwenekoro/nsedi
muzzle	Etuo ano
N	
Nano	Nano
nanometer	afidie a yede susu Nano
nanosecond	Nano anibuotete
naphtha	nafta
nasal	fa hwene mu
natural	Dee efiri abodee mu
nature of the surface	Sedee efam te (Senea anim te)
nearsightedness	Nea onhu adee a ewo akyi
negative	Dee ene biribi bo abira
negative charge	ilektron aboro so
neon	Neon
net force	tumi a aka
neutral	Adantam
neutrino	niutrino
neutron	niuton
newton	Newton
Newton	Newton
Newton's First Law of Motion	Newton mmara a edi kan a efa anamontuo ho
Newton's Second Law of Motion	Newton mmara a eto so mmienu a efa anamontuo ho
Newton's Third Law of Motion	Newton mmara a eto so mmiensa a efa anamontuo ho
nickel	nikel
nitrogen	Nitrogen
nodal	nsensanee ahorow ahyiae
nodal line	Nodal nsanee
node	Ahyiae
non perpendicular component	fa a abien no nnhya
non perpendicular component of vector	nsanee ptee a ani kyere faako fa a enhya
normal force	Ahoden/tumi a eye daa de
north pole	Atifi fam dua (asase no atifi)
North Pole	Atifi fam dua (Asase no atifi)
Northern Hemisphere	Atifi fam a wakyem mmienu (Asase no atifi fam)
northern light	Kanea a efiri atifi fam
notation	Nnyinahoma/nkyerewde
note	Hye no nsow
nuclear	Nuklar/nukle
nuclear bombardment	nukle topae a woretoto
nuclear model	nukle nhwesode
nuclear potential energy	Nukle ahoden/tumi a ebetumi ada adi
nuclear reaction	nukle dwumadi
nuclei	Nuklei
nucleon	nuklion
nucleus	nuklɔs
nuclide	Nuklide

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
numerically	Wɔ nɔma kwan so
O	
obey	Tie (ye osetie)
oboe	Afidie a wɔde dua aye a wɔde bɔ nnwom
observable	Biribi a wɔtumi hwɛ/hu
observation	Ahwɛɛɛ (nea wɔahu)
observatory	Beaɛɛ a wɔtumi gyina hwɛ soro nneema te sɛ nsoroma
observe	Sɛ worehwɛ biribi
obstacle	akwansideɛ
obtain	Nya
occupy	rebehyɛ mu/hyɛ mu
occur	Resi/si
octagon	Kanko a ɛkura nsensaneɛɛ nwɔtwe
octagonal	Biribi a ete sɛ kanko a ɛkura nsensaneɛɛ nwɔtwe
octave	ɛkwan a ɛda toonu mmienun tam wɔ nnwom mu
Ohm	Ohm
Ohm's Law	Ohm mmara
opaque	Biribi a wohwɛ ho a wonhunu mu
operation	Dwumadie
oppose	bɔ gu/ ko tia
optical	Biribi a ɛfa ani ho
optical density	senea kanea tumi fa biribi mu susude
optics	Fa ani ho
orbit	ɛlɛtrɔn kwan/kwan
organ	Akwaa
orientation	Beaɛɛ a biribi pue firi
origin	abɔsɛɛ/fibeɛ
oscillate	Reto adonko (sesasesa)
oscillation	Adonko/nsakraɛ
oscilloscope	Afidie a wɔde susu anyinam ahɔɔden/dodow
outer ear	Aso
outlet	ɔkwan a ɛde pue
output	Dwumadie ho nsenkyerenne (nea efi aba)
outward	abɔntene/nea etua ani
oval	Biribi a ne yebea te sɛ kosua/kesua
overall	Nyinaa
overload	hyehyɛ boro so
overlook	Bu ani gu so
overtones	nea ɛnna adi pefee
oxygen	Mframa a nnipa home
P	
painstakingly	mmɔdenbɔ paa kwan so
palm	Nsayam
parabola	Parabola
parabolic	Nsɛdie (parabola seso)

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
parachute	Parahyuutu
paraffin	Kresin
parallax	Nneema mmienu nsa so
parallel	esa so
parallel connection	Ka bom bere esa so
parallel force	Tumi a esa no
particle	adewa
particle accelerator	afiri a ekanyan nnewa
Pascal	Pascal
Pascal's Principle	Pascal mmara
patch	Tare (biribi fa bi)
path	Kwan
pavement	Kwan
peculiar	Sononko/soronko
peculiarity	Sononko (nea eye soronko wo ho)
pendulum	Adonko
performer	ɔyefɔ
perimeter	Perimita (ntwaho tenten)
period	Bere
periodic	Bere mu
permanently	Dee ewɔ ho daa
perpendicular	Ahyiae so
perpendicular force	Tumi a efa ahyiae so ho
perpendicularly	Ahyiae so
perspective	Gyinabea/nsusuwii
perspiration	Mfifiri tee
phase	Gyinapɛn/ɔfa
phenomena	Adee wotumi hu (nsem a asisi)
phenomenon	Adee wotumi hu (asem a asi)
philosopher	Nyansapɛni
phosphor	fosfo
phosphorescence	kanea ma a ɔhyew nnka ho
photoelectric effect	anyinam a kanea ka ho
photoflash	Ateyɛrem
photography	Mfonitwa
photo resistor	Mfoni anosie
photovoltaic	fotofolteki
photovoltaic cell	fotofolteki batere
physical	Dee yen ani tua
physical phenomena	Dee yen ani tua na wotumi hunu
physicist	Abɔde ne emu tumi ahorow ho ɔbenfo
physics	Sɛdee nyansahunu ne ahɔɔden di nkitaho ho adesua
Pico	Piko
Pico farad	Piko farad
pier	nnyinasode
piezoelectricity	pieso anyinam
pig	Prako

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
pigment	Pigmante
pile	mmoano
pinna	Ahaban nkyemu
pipe	Doroben/duruben
pistol	Etusini/atuo ketewa
piston	Piston
pitch	Piikye/tow biribi
pith	nhwiren afifide fa bi
pith ball	piti boɔl
plane mirror	Ahwehwe a ani da ho
planet	Kyin nsonoma (okyinsoromma)
plasma	Plasma
plastic	Roba
platinum	Platinum
plot	Asasewa/asase
plunge	To nsuo mu (tow ade hye biribi mu)
polarity	Ayonkofa a eda nneema mmienu a ense ntam (positif ne negetif nsonsonoe)
polarized	Ayonkofa a abeda nneema mmienu a ense ntam
plane polarized	Ayonkofa a abeda wiemhyen ntam
polarization	ɔkwan a ayonkofa beda nneema mmienu a ense ntam (adewosow wo kwan bi so)
polarizer	Adee a ede ayonkofa beda nneema mmienu a ense ntam
pole	Dua
pollution	Mframa/nsu see
pound	Wo/mu duru
portion	efa
position	Gyinabea
positive	Nokware/positif
positive charge	ilektron a aboro so
positron	Positron
possess	Kura/ wo
postulate	asemka
pot	Kukuo
potential	Adee a ewo ho
potential energy	Tumi a ewo ho
potentiometer	afiri a wode susu anyinam tumi akoneaba
pour	Hwie
power	Tumi
practical	Ye adee hwe
precise	Peperepe
precisely	Peperepe
precision	Ye adee peperepe
predict	Hye nkɔm
predominate	Di mu tintinmman
prefix	Nsianimu
preliminary	Ahyeasee

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
pressure	Hye ne so (nhyeso)
presumably	Susu se (tirimbɔ mu no)
prevent	Si kwan / ano
previous	Dee atwam
previously	Dee atwam (kan no)
primary	Kan/ abɔsee/titiriw
primary coil	Coil a edi kan (anyinam sekut mu akoade titiriw)
primary color	kola titiriw
primary pigment	Pigmentetitiriw
principle	Mmara/nnyinasosem
principal axis	lain a efa nea wɔde hwɛ ade mu
principal focus	beaee a ese se wohwe titiriw
principal focal point	beaee a ese se wohwe titiriw
principle of superposition	Mmara a efa ade a wɔde to foforo so ho
prism	Prism
probability	si a asem betumi asi
probe	Hwehwe mu
procedure	ɔkwan
process	ɔkwan
productivity	eso aba (senea eso aba fa)
programmable	Wotumi de nhyehyee to ho
prohibit	Kame/ si ho kwan
project	Dwumadie/ma biribi so
projectile	nea wɔto
projectile motion	ade a wɔto anamɔntuo
propel	Pia
property	Agyapadee
proportional	Ne no hyia dodow fam
proportionality	Ne no hyia (hyia a ehyia dodow fam)
proportionality constant	Adee a ehyia na ensesa
propose	De to dwa
proton	Protɔn
protractor	protrakta
prove	Da mu nokware adi
proximity	Ka bom anaa ben ho (senea eben fa)
puck	Anansesem/agodi rɔba bɔɔl
puddle	Nsuo aetae hɔ
pull-tab	Ntwee mmuasɔ
pulley	Ntwee
pulsar	Pɔɔlsa
pulse	nnyeso
pump	Twe/pɔmp
push	Pia
putty	Aman/pɔti
Pythagorean	Pythagoras de
Pythagorean theorem	Pythagoras adwenemusɛm

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
Q	
quadrangular	Beaeε a εwɔ afanan
quality	deεema biribi da nsono/ di mu (su)
quantity	dodoɔ
quantize	Rete biribi dodoɔ so
quantum mechanics	Biribi a εsua koraa/ketewa pa ara
quantum number	Nɔma a εma biribi a εsua da nsono
quantum theory	Adwenemusem a εfa biribi a εsua ho
quark	Biribi a εwɔ maata mu (kwaake)
quark model nucleon	Biribi a εsua koraa ho nsususɔ
quotient	kohyente
R	
raceway, racetrack	Beaeε a wɔtu mmirika
racquet	rakiti
radial	fi faako
radially	kwan a efi faako so
radiation	radiehyen
radiator	ade a εma ɔhyew
radio	Kasafidie
radio wave	Kasafidie kwan
radioactive	Radioactive/redioaktif
radioactive decay	redioaktif ɔporɔw
radioactive material	redioaktif ho nneεma
rainbow	Nyankontɔn
raise	Pagya
ramp	Sumpie
random	Biara biara
range	nea εwom
rank	Dibea
ray	Kanea sin
ray optics	Kanea sin ɔptiks
razor	Yiwan
reaction	Keka ne ho (su a εda adi bere a biribi asi)
readily	wɔ ho mprempren
real	Ankasa
real image	mfonin ankasa
realistic	Nokware/nea εwɔ ho ankasa
rebound	Ka bom bio (akɔneaba)
reciprocal	Ne no nante (akatuade)
recombine	Ka bom bio
recognize	Kae/ hunu bio/hyε nsow
rectangular	kura afa anan
red	Kɔkɔɔ
redefine	Yε no foforo (kyerεkyerε mu bio)
reed	Demmire

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
reestablish	Si bio/ yɛ no foforo
refer	Twe adwene si so
reference	Mmoa (nsem a efa ho)
reference point	Beaee a emmoa firi (nea ekyerɛ kwan)
reflect	Hyerɛn (da adi)
reflection	su bi adiyi
refraction	Refrakhyen
refrigerator	frigyi
regard	Kyerɛ aniso (bu biribi)
region	Mantam
register	Atwerɛ (yɛ kyerɛwtoho)
regular reflection	ɛhyerɛn daadaa
regulate	Hyebye
reinforce	Hye mu kena
reinforcement	nkanyan
relate	De toto ho
relationship	Ayɔnkofa
relatively	Ntotoho
relativity	ntotoho
release	Gyae mu
remain	Ma eka (te saa ara)
remainder	Nkaee
remove	Yi firi mu
renew	Yɛ no foforo
repeat	Ti mu
repel	Pia ko akyire (siw kwan)
repetitious	Deɛ ema ɔberɛ (nea etoatoa so)
replace	Si ananmu
represent	Gyina ho ma
repulsion	Dwa (kwansiw)
repulsive	Ko tia
research	Hwehwe mu (nhwehwemu)
resist	Si kwan
resistance	Si kwan (akwanside)
resistor	Siakwan (nea osiw kwan)
resolve	Siesie
resolving power of lens	Resiesie tumi a ewo ahwehwɛaniwa ho
resonance	Nnyegyee ntwemu
respective	Emu biara (nea efa emu biara ho)
response	Bua/mmuae
restatement	asem no wo kwan foforo so
restoring force	Tumi a esiesie adee
resultant	nea efi mu ba
retain	ma ewo ho (kora)
retina	Retina
reveal	Da adi
reverse	Ko akyire (dan)

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
revolve	Twa ho hyia
rheostat	Rheostat
ribbon	Ntomaban
ridge	Ano
right angle	angil a εε 90
rigid	Ye bawee (si faako)
ripple	ahuru
ripple tank	ankore a ade huru wom
rise	Pagya (kɔ soro)
rivet	Rivet
robot	Robot
robotics	robot adwumadi
rocket	Topae
rocking	To adonko
roll	Bobɔ
rope	Ahoma
rubber ball	Rɔba bɔɔlo
rush	pere
S	
sac	Biribi a ete sɛ bɔɔ a εwɔ dua mu
sack	Bɔɔ
sag	Biribi a εmu tumi koa
sailor	Obi a ɔka hyemma
sap	Nnua mu nsuo (twe biribi mu tumi/nsu)
satellite	Adee ketewa a etewa kesee ho hyia (setilaiti)
saxophone	Biribi a wɔde kɔɔbere ayɛ a wɔde bɔ dwom
scaffold	Simpie a εwɔ soro
scalar	Skala/susude a wontumi nkyekye mu
scalar quantity	Skala dodɔ/susude
scale	Nsania/nsenia
schematic	Sedee biribi ye adwuma nsesɔ
scientific	Abɔdee mu nyansahunu
scientific method	Abɔdee mu nyansahunu kwan
scientific notation	Abɔdee mu nyansahunu nkyerewde
scintillation	Bere a kanea fa biribi mu ma no sɔ
scissors	Apasɔ
screen	rehwehwɛ mu
screw	Nkyerewa/ bootu
screwdriver	Afidie a wɔde tu nkyerewa/ bootu
scuba	skuba (afiri a wɔde home wɔ nsu ase)
sea level	εpo gyanabere/mpɛnpenso
seal	nsɔano
second	Dee etɔ so mmienu (anibu)
secondary	Biribi foforɔ (nea edi hɔ)
secondary coil	Biribi foforɔ a wɔtumi koa mu
secondary color	Ahosuo foforɔ (kɔla a wonya fi afoforo nkabom mu)

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
secondary pigment	Ahosuo foforo/pigmente
second left-hand rule	Nsa benkum mmara a eto so mmienu
second-order line	Nsensanee a eto so mmienu nyehyee
selenium	seliniom
self-inductance	Anyinam ahodon ankasa su nsesae
semiconductor	Biribi a anyinam ahodon ne ehyew tumi fa mu kakra
sensation	Atenkatidee/atenka
sense	Atenka
sensitive	Biribi a ewo atenka (te biribi nka ntem)
separate	Tetew mu
separated	Ate mu (wotetew mu)
series	Biribi ahodon ahodon
series connection	Biribi ahodon ahodon nkekabomu/abusabo
series-parallel circuit	Anyinam ahodon ahodon a enhya
sewing	Adepam
sewing needle	pane a wode pam adee
shadow	Sunsuma
shape	yebea
share	kye
ship builder	Obi a oye hyemma
shirt	ataadee
short circuit	Anyinam ahodon sekut tiawa
shot-putter	Obi a oto dadee kurukuruwa bi wo akansie mu
shovel	Sofi
shrink	reye ketewa
sidewalk	Kwankyen
sideway	Anammɔn kwan
significant	ehia
significant digit	akontaabudee a ehia
silicon	silikon
silk	Biribi a ete se asaawa
silver	dwete
simple harmonic motion	Nneema nketewa a etumi keka ne ho bom
simple machine	Afidie a enkyere so
simplify	reye tia (ma enye wosee)
single-slit diffraction	hann a emu pae ntem so
sink	Remem
sine	Biribi a ahinasa ntweaso nsusue
sinus	Biribi a ewo nipadua akwaa mu
sinkable	Biribi a etumi mem
siren	Aben
skating	Mpaboa koba bobo ase wode di agoro (agodi a ema wɔnam sukyerema so)
skydiver	Obi a otumi danedane ne ho wo wiem besi fam
sled	Hyen bi a etumi sesa nneema wo sukyerema mu a mmoa twe
sliding friction	Biribi retwitwi biribi anim
slightly	Ketewa kakra

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
slit	Kotwa/tokuru ketewa
slope	Sianee
smokestack	Biribi a ema wisie pue
smooth	Trontrom
snap	Hwim
Snell's Law	Snell mmara
snowmobile	Hyen a wɔde di agorɔ wɔ sukyerema so
socket	sɔkete
sodium	sooduɔmu/sodium
solar	Awia (ɛfa owia ho)
solar cell	Beaɛɛ a wɔkura awia ahooɔden (batere a owia ahooɔden wom)
solid	Biribi a eyɛ den
solid state	Adeɛ bi a ɛkura biribi a eyɛ den su (yebea a eyɛ den)
solidity	Denden/denyɛ
solution	mfraɛɛ nsu
sonar	Afidie a yeɔde susu nneema a ɛwɔ nsuo ase nnyegyeeɛ
soot	apupuawisie
soprano	enne a ɛwɔ soro pa ara wɔde to dwom
sound wave	Nnyegyeeɛ anoden
South Pole	Anaafoɔ fam (Asase Anafo)
spacecraft	ɛhyen a wɔde tu kɔ soro
spark	Pa gya
specific	pɔtee
specific heat	ɛhyew pɔtee
speck	ɛkam ketewa bi
spectrometer	Afidie bi a wɔde paepae nkanea ahosuo mu
spectroscope	Afidie a wɔde hwehwe nkanea mu
spectrum	Ahosuo ahooɔɔ ɛka bom sɛ nkanea
speed	Biribi mmirika
sphere	Biribi a ete sɛ kosua (kɔntɔnkrɔn)
spherical	Biribiara a ne yebea te sɛ kosua
spherical aberration	Biribi a ete sɛ kosua nsakraɛɛ
spider web	Ntentan
spill	Hwie gu
spin	Rewan/ retwane
spiral	Kurukuruwa/ntwaho
split	kyɛ mu/ pae mu
spoiler	Spɔɔla
spontaneously	Mpofirim
spoon	aterɛ/atere
spray	Pete so/ gugu so
spread	trɛw mu
spring	Rehuri
sprinkle	Petepete
square	ahinanan
standard atmospheric pressure	Ewiem gyinapɛn tumi
startling	ahodwiri

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
state	yebea/tebea
standing	gyinabere
standing wave	Anyinam ahodden a etumi gyina pintinn
static friction	Nkyeresoo a eye pintinn
static electricity	Anyinam ahodden a egyina faako
statics	Dee enkeka ne ho
stationary	Biribi a esi faako/entumi nkeka ne ho
steam	Ntutuo
stem	Stemu (dutan)
step-down transformer	Transfoma a n'anyinam ahodden wo fam
step-up transformer	Transfoma a n'anyinam ahodden wo soro
stick	abaa
stiffness	Biribi bawee (senea ade ye bawee)
still	dee ensesaee
stimulate	kanyan
stimulated emission	ema biribi ko (mframa a wakanyan no ma apue)
stitch	Ka si anim (pam)
stone	eboo
store	kora
straight	tee
straighten	reyee tee (ma enye tee)
strain	Mia ho sone so/ twe mu
straw	doroben ketewa bi a yede twe biribi nsuonsuo nom/ esere
strength	ahodden
stretch	Twe mu/ tene mu
strike	Pem/ bo, keka ho
string	Ahoma
strip	Pa ho/ woro
strobe	Afidie a etwa mfonin
strobe light	Afidie a etwa mfonin kanea
strobe photography	Afidie a etwa mfonin
strong nuclear force	Nukla ahodden tumi
structure	Biribi yebea
subatomic	Atom nketewa
submarine	Nsuo ase (nsu ase hyen)
submerge	do asuko/ mene
substance	Biribi
substitute	hye anan mu
subtraction	Te firi mu
succession	Nneema a wahyehye no nnidiso nnidiso
suddenly	mpofirimu
sufficiently	dee eso (ma eso anaa edoso)
sulfide	Sofa ne dade nkabom (solfaide)
summarize	Boa ano/ retwa tia/bo no mua
superposition	biribi gyinabere wo soro sene foforo
supersonic	Nnyegyeee anoden mmirikatuo
support	Boa/ taa akyire

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
surface	Ani
surface tension	Nsuo ne gaase nhyiamu (tumi bi a ewo nsu ani)
surface wave	Anyinam ahodden a enam asase no mu
surgery	deεefa opiresan ye ho (oprehyen)
surplus	nkaee (nea aboro so)
suspect	Susu/ de ani bu
suspend	Twe sensen
Swedish	Sweden kasa (obi a ofi Sweden)
sweep	Repra/pra fam
swing	Rehim
swing seat	Akonnwa/akongua a etumi hinhim
swirl	rebobo
symbol	Agyinahyεdeε/senkyerenne
symmetrical	Biribi nkyemu pεpεεpε
synchrocyclotron	Biribi a etumi ma nneεma nketewa nya ahodden
systematic	Nhyehyεεε kwan so
systematic method	okwan a wofa so ye biribi
T	
table	εpono
tangent	nsaneeε a εtarekɔntɔnkrɔn fa/biribi a abu kεεfo ho
tank	ankore
technique	nyansakwan
technologist	deε ɔwo abεεfo mfidie ho nimdeε
telescope	ahwehweniwa a wɔde hwe nneεma a ewo akyiri
temperature	ɔhyew anaa onwini
temperature scale	ɔhyew nsanie/susudua
temporary	bere tiaa bi
tend	hwe
tendency	Suban
tensile	deε εye ketee (wotumi dan anaa koa no)
tension	Ketee
terminal velocity	Mmirika a ade de rehwe fam
terrestrial	suahunu a εfa asase ho
tesla	tesla
tetrachloride	tetraklɔraide
The Law of Conservation of Energy	Agya/anyinam a wɔkora so hommara
The Law of Conservation of Momentum	Mmirika tumi a wɔkora so hommara
The Law of Reflection	Ade ho mfonintwa hommara
The first law of Thermodynamics	Tumi/anyinam adaneadan hommara a εdi kan
The second law of Thermodynamics	Tumi/anyinam adaneadan hommara a εto so mmienu
theoretical physicist	adwenemusem ho nipa a ɔde akontabuo kyerekyere abodeε mu
theory	adwenemusem
theory of relativity	adwenemusem a εfa adwenemusem ahodoɔ a adi ahyia ho
thermal	ɔhyew
thermal energy	ahodden a ewo ɔhyew mu
thermal equilibrium	se nneεma mmienu adi ahyia na ɔhyew biara amfa won mu

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
thermal expansion	ɔhyew ntrɛmu
thermodynamics	suahunu a ɛfa twaka a ɛda ɔhyew ne ahɔɔden nkaɛɛ no ntam (tumi/anyinam adaneadan)
thermometer	adeyɔɔɛɛ/afiri/susuduaa wɔde susu ɔhyew
thermometry	ɔkwan a wɔfa so susu ɔhyew
thermonuclear	adeyɔɔɛɛ a ne mpaɛɛ gyina ɔhyew a no ye den so (nuklɛ akode dwumadi)
thermonuclear reaction	ahɔɔden a nkitahodie a ɛkɔ so nukula mmieniu ntam ma ɛma ɛwɔ soro (nea efi nuklɛ akode dwumadi mu ba)
thermostat	adeyɔɔɛɛ a wɔde sesasesa ɔhyew (tɛmostat)
thin	teateaa
thin film	adeyɔɔɛɛ a ɛkura ntontan a ɛye teaa
thorium	dadeɛ a ɛfiri nnɔtɛɛ, botan ne nsuo mu
thread	Ahoma
threshold	Aboboano/hye
throat	Menem
thumb	kokurobeti
tide	ɛpo yiri ne ne twe
tighten	mia mu
tightly	deɛ ɛmu amia
tilt	ma ɛsiane (dan ani kyere fam)
timbre	nnyegyeee nkyekyɛmu
time	berɛ
tiny	Ketewa
tire	brɛ
tissue	Honam/ntini
tolerate	sosɔ so
toner	ahohorodeɛ anaa nku a wɔde te honam noani
tongue	tekrɛma
torr	susudea wɔde susu ewiem tumi
torsion	nkyinkyim
torsion balance	adeyɔɔɛɛ a wɔde susu anyinam ahɔɔden
total internal reflection	sunsuma a ɛda adi wɔ nsuo mu
tower	abantenten
tractor	teaseɛnam kɛsɛɛ a wɔde sesa nneɛma wɔ afuom
train	Tete/keteke
trajectory	kwan a afidie bi ɛnenam fa so
trampoline	agodie adeɛ bi a wɔde ntama a wɔde nhoma akyekyere ho na aye a agodifoɔ no huri fa so
tranquilizer	aduro a wɔfa de te ɛhu so
transducer	adeyɔɔɛɛ a esesa anyinam ahɔɔden bi tebea kɔ tebea foforo mu
transfer	kɔ baabi foforo
transformer	afiria ɛde anyinam ahɔɔden firi beaɛɛ bi kɔ beaɛɛ foforo
transistor	adeyɔɔɛɛ a esesasesa anyinam anaa anyinam ahɔɔden
translucent	Wusiwusi (ma kanea fa mu kakra)
transmission	ɔfama (de biribi fi faako kɔ beaɛ foforo)
transmit	de ma

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
transmitted wave	ahooden asorɔkye de firi beaeɛ bi de kɔ beaeɛ foforɔ
transmutation	nsesaeɛ
transparent	Emu da hɔ
transverse	deɛ ɛtware mu
transverse wave	ɛnante tenn a ɛnkyea mfiri beaeɛ a ɛhyɛɛ aseɛ no ho asorɔkye a
trench	Amena
triangle	ahinasa
trigger	yi ba
trigonometry	akontabuo a ɛfa ahinasa ho
trillion	ɔpepepɛm
trombone	totorobento a ne bɔ no gyina ɔbɔfoɔ no ano nwosee so
trough	didi mu adaka a mmoa nom anaa
trumpet	totorobento
tuba	sankuo a ɛma pekye a ɛwɔ fam (kɔbere nwonto afiri bi)
tube	Doroben
tune	Dwom
tuning fork	dadeɛ fɔɔko a ano yɛ mmienu a wɔde sesannyegyeeɛ
tungsten	asasemudadeɛ bi a ɛmu yɛ duru
tunnel	Tokuro
turbulent	Ano yɛ den
twice	mprenu
twirl	bobare ho
twist	Kyim
U	
ultrasonography	Sɛdeɛ yɛde mfidie yɛ akwaa a ɛwɔ nipadua no mu mfonin.
ultrasound	Nipadua akwaa mu mfonintwa
unaffected	ɛnka no
unavailability	Ebi nni ho
unbalance	Biribi a ɛntumi nnyina yie
unbalance force	Tumi/ ahooden a ɛmma biribi nnyina yie
uncertainty	Biribi a ɛmu nna hɔ (wontumi nnhu sɛ ebesi a)
unchanged	Ensesa
undergo	ɛdane/ɛsesa
undiminished	eso rente (ɛso ntee)
uniform	Baakoyɛ
uniform acceleration	Biribi kɔ ntɛm pɛpɛpɛ
uniform circular motion	Biribi hinhim twa hyia pɛpɛpɛ
uniformly	Reyɛ baako (fra pɛpɛpɛ)
unit	Nkyekyɛmu/biako
units of force	Ahɔddenɛɛ nkyekyɛmu
universe	Wiase afanan (amansan)
unknown	Yennim (nea wonnim)
unsteady	ɛnnye pintinn (ehinhim)
upright	deɛ ɛtene (egyina hɔ)
upward	ɛsoro/ kankorɔ/ani kyere soro
utensil	Nkukuo/ nkyensee

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
V	
vacuum	εkwan/hwee nni hɔ/ahun mu
valid	Edi mu
value	εboɔ
vapor	Ntutuo
vapor state	Ntutuo gyinabea/yεbea
vaporization	Ntutuoyε
vaporize	Redane ntutuo
variable	Nsesadeε
variation	Nseseaε
variety	ahodoɔ
various	ahodoɔ ahodoɔ
vector	Biribi/susude a ani kyere faako na εwɔ dodow bi
vector quantity	Biribi dodoɔ a ani kyere faako
vector resolution	Biribi a ani kyere faako akontaabuo
vector sum	Biribi a ani kyere faako nkabomu
vein	Ntini
velocity	Ahɔhare/ anoɔden/mmirika
verification	Nhwehwemu
vertex	Biribi apampa mu pa ara (ano/apampam)
vertically	Ne tenten mu (bere a egyina hɔ)
vibrate	Repo/wosow
vibrational motion	Biribi a εwosowoso/εhinhim na εredannan
violate	Rebu (mmara/gyinapɛn) so
virtual	Nsesoɔ
virtual image	Biribi nsesoɔ
viscous	εmu pi
viscous liquid	Nsuonsuo a εmu api
visible	Ahunudeε (wotumi hu)
visualize	Wode w’adwene rehunu/rebu
vocal	Menem
vocal cord	Dwεεdwεεwa nkatasoɔ
volatile	Tumi we/tu/sesa mpofirim
volatile liquid	Biribi a εye nsuonsuo a εtumi we/tu
volt	Anyinam
voltaic	Anyinamdee
voltaic cell	Anyinam batiri
voltage	Anyinam tumi susude
voltage divider	Anyinam nkyekyεmudeε
voltage drop	Anyinam ntesoɔ
voltmeter	Afidie a εsusu anyinam dodoɔ a obi de di dwuma
volume	Emu kese
vowel	Vawol/baworo (vawol nkyerεwde)

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	TWI
W	
water pollution	Asuosee (nsu a wɔsɛɛ no)
wave speed	Asorɔkye/mframa anoden
weak force	Ahoɔden/tumi a ano ye mmerɛ
X Y Z	
X-rays	Nkrampan mfonin
X-value	X-nsusuie
Xerox	Xerox mfonintwa
Y-value	Y-nsusuie
yellow	Akokɔsradeɛ
zinc	Senke