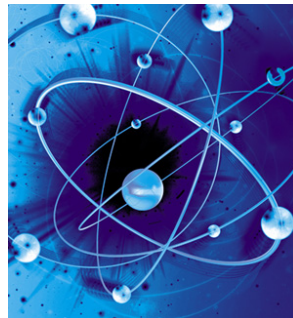
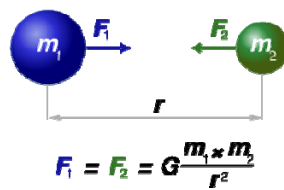


Glossary

High School Level

Physics Glossary

English / Kinyarwanda



Translation of Physics terms based on the Coursework for Physics Grades 9 to 12.

Word-for-word glossaries are used for testing accommodations for ELL/LEP students





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PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
A	
aberration	ikinyuranyo
ability	ubushobozi
absence	kuba udahari
absolute scale	ingerofatizo ndakuka
absolute zero	Urugero rw'ubushyuhe bwo hasi
absorption	inyunyuzwa
absorption spectrum	Imirongo y'inyunyuzwa
accelerate	kwihutisha imbere
acceleration	iyongeramuvuduko
acceleration of gravity	Iyongeramuvuduko rya rukuruzi
accentuate	gushimangira
accompany	guherekera
accomplish	gusohozwa
accordance	amasezerano
account	konti
accumulate	gukusanya
accuracy	ukuri
accurate	Icy'umwimerere
achieve	kugera
acoustics	Ibijyanye n'amajwi
action	igikorwa
activity	umurimo
actual	nyakuri
addition	umugereka
adhesive	udufatishoi
adjacent	Ibintu byegeranye na
advantage	inyungu
aerodynamics	Ubumenyi bw' ibigendera mu kirere
air pollution	ihumana ry'ikirere
air resistance	ukubangamira umwuka
air track	inzira y'umwuka
aircraft	indege
airfoil	igikoresho kigenzura indege iriko iguruka
airplane	indege
alcohol	alukolo
algebra	alijebure
allow	kwemerera
alternating current generator	isimburanya ry'imashini itanga umuriro w'amashanyarazi
altimeter	igikoresho gipima uburebure indege iriho mu kirere
aluminum	aluminiumu
amber	Ibuye rijya gusa n'umuhondo
ammeter	igikoresho gipima umuriro w'amashanyarazi
ampere	igipimo cy'umuriro w'amashanyarazi
amplitude	ubukana
analogy	igereranya

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
analysis	isuzuma
analyze	gusuzuma
antinodal line	umurongo wa antinodali
anemoscope	igikoresho cyerekana icyerekezo cy'umuyaga
aneroid	ikintu kirimo ibitembabuzi
aneroid barometer	igikoresho gipima umwuka kidakoresheje ibirimo ibitembabuzi
angle	imfuruka
ant.; antenna	anteni
antinode	ikitagira ipfundo
antiparticle	ibirwanya agace k'ubutabire
apparent	kigaragara
appendix	umugereka
applied force	ingufu zikoreshejwe
approach	kwegera
aquarium	Ikirahuri kinini cyororerwamo amafi
arbitrary	gukoresha ububasha ufite
arc	igicenteruro
archer	umuntu urasisha umuheto
Archimedes' principle	Amahame ya Archimedes
architect	umuhanga mu by'ubwubatsi
area	ubuso
argon	Gaze y'arugo
Aristotle	Aristoti
armature	akuma kazunguruka amashanyarazi
arrow	umwambi
arrangement	itunganya
artificial	icyakozwe n'abantu
artificial radioactivity	ibyuka bihumanye
artillery	intwaro
aspect	imigaragarire
assemble	gushyira hamwe
assume	kugereranya
assumption	igereranya
astronomer	umuhanga w'inyenyeri
astronomical	ibijyanye n'inyenyeri
astronomy	ubumenyi bw'inyenyeri
athlete	umukinyi w'imikino ngororangingo
atmosphere	ikirere
atmospheric	ibijyanye n'ikirere
atom	atome
atomic energy	imbaraga zitangwa na za atome
atomic mass unit	urugero rw'uburemere bw'atome
atomic number	umubare wa atome
attach	komeka
attain	gushyika
attract	kureshya
attraction	ireshyo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
attractive	ikibereye ijisho
audience	abumva
auditorium	inzu iberamo amakoraniro
auditory	abateze amatwi
aurora	urumuri
aurora borealis	urumuri rw'amabara
automobile	imodoka
average	Impuzandengo
average speed	umuvuduko mpuzandengo
average velocity	umuvuduko mouzandengo
axis	umurongo fatizo
axle	icyuma gifunga amapine
B	
back - EMF	inyuma ha EMF
baffle	Igikoresho kigabanya amajwi
balance	umunzani
barometer	igikoresho gipima umwuka
barrel	ingunguru
barrier	bariyeri
baryon	bariyoni
base level	urwego nshingiro
basic equation	inganyagaciro shingiro
basin	ibesani
basis	inkomoko
batter	gukubita
battery	batiri
bead (ex., optic bead)	Isaro(urugero.,inigi ry'ijisho)
beaker	igikombe kitagira umukondo
beam balance	iringaniza ry'imirasire
beat	gukubita
behave	Kwitwara mu buryo bubereye
behind	inyuma
bend	kugorama
beneath	munsi ya
bent	kigoramye
Bernoulli's principle	Ihame rya Bernoulli
beyond	ibirenze
billiard	biyaridi
bimetallic	Ikintu kigizwe n'ubutare
bimetallic strip	agace kagizwe n'ubutare
binding energy	imbaraga zo gutanya
binocular	jomeli
black-hole	umubumbe wo mu kirere
blade	imbugita
block	itsinda ry'amazu
blue	ubururu

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
blur	kutagaragaza
bob	iagafungisho
boiling	kubira
boiling point	aho kubirira
boldface	urugero rw'ubushyuhe
bolt	gufunga n'iburo
Boltzmann constant	ikidahinduka cyavumbuwe na Boltzmann
bond	Izingiro
boreal; borealis	Ibiva amajyaruguru; urumuri rw'amabara
bounce	gutuma ikintu kijegajega
boundary	imbibi
bow	kunama
bowling ball	umupira ukoreshwa muri bolingi
bowstring	injishi
Boyle's law	Itegeko rya Boyle
brain	ubwonko
branch	ishami
brass	umuringa
breeder reactor	umuntu akoresha atome
brick	itafari
brief	incamake
bristle	umusatsi ugize uburoso
broadcast	gusandara impande zose
bubble	gusembura
bubble chamber	Icyumba gusemburirwamo
bug	ibirondwe
bugle	igikoresho gisohora amajwi
bulge	kubyimba
bullet	isasu
buoyancy	kureremba
buoyant	gishobora kureremba
buoyant force	ingufu zo kureremba
burglar	umujura
burglar alarm	inzongera imenyeshya ko hateye umujura
by virtue of	kubera ko
C	
cable	kabule
cadmium	kadimiyumu
cadmium sulfide	Ubuurozi bwa kadimiyumu na sulfide
calculate	kubara
calculus	imibare
calibrate	kuringanyiza
caloric	ibijyanye n'ibivumbikisho
caloric theory	ibivugwa kubijyanye n'ibivumbikisho
calorie	ibivumbikisho
calorimeter	igipimo cy'ubushyuhe

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
camp	ikambi
camper	abagize ikambi
candelabra	ibiterekwako amabuji
candle	ibuji
cannonball	umuvuduko ukabije
canoe	ubwato
canyon	umubande muremure
capable	gishoboye
capacitance	urugero rw'amashyanyarazi
capacitor	icyuma cy'amashyanyarazi kibika umuriro
capacity	ububasha
capillary	ingirabuzima fatiro
capillary action	umurimo w'ingirabuzima fatiro
capsule	agacupa karimo imiti
carbon	karubone
carbon grain	akabuto ka karubone
carbon tetrachloride	carubone ya kloride 4
carpet	itapi
carton	ikarito
case	ikibazo
cast	guta
catheter	iserumu
cathode	katode
cathode-ray tube	tibe ya katode
cause	intandaro
cavity	umuyoboro
celestial	iby'ikirere
Celsius Scale	urugero rwa dogere
cement	isima
centimeter	santimentero
centripetal	ibigana hagati
centripetal acceleration	ihutishwa riganisha hagati
centripetal force	imbaraga zizungurutsa ikintu
cesium	Ceziyumu
chamber	icyumba
characteristic	ikiranga
charge	gushyiramo umuriro
charged	icyuzuye umuriro
charging by conduction	gusharija biciye mu cyuma
charging by induction	gusharija biciye mu mbaraga rukuruzi
Charles' Law	itegeko rya Charles
chimney	shomine
chloroform	ikorwa rya kloride
chord	umurongo
chromatic	ibijyanye n'ibara
chromatic aberration	ibirabagirana
circuit	sirikwi

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
circuit breaker	ibuto rifungura sirikwi
circular	izenguruka
clarinet	umwironge
clarity	imigaragarire
clockwise	icyerekezo cy'isaha
club	ikipe
cluster	itsinda ry'ibintu byinshi
cobalt	kobalite
cochlea	imiterere iri mu gutwi
coefficient	umubarwa
coefficient of friction	umubare w'uburemere
coefficient of linear expansion	umubarwa mu by'uburebure
coefficient of volume expansion	umubarwa w'ubwirangire
cohesive	kujya hamwe
cohesive force	imbaraga zishyira ibintu bibiri hamwe
coil	umuzingo
coincidence	bihuriranye
collect	kurundanya
collection	irundanya
collide	kugongana
collision	igongana
column	inkingi
combination	ivanga
combustion	itwika
commercial	cy'ubucuruzi
commutator	ibuto ryo guhindura
compare	kugereranya
comparison	igereranya
compartment	icyumba
compass	ldira
complementary	ibyuzuzanya
complementary colours	amabara yuzuzanya
complementary pigment	udutanga amabara
complex	insobe
component	ikigize
compress	gukunja
compression	ikunja
Compton effect	lyongera ry'uburebure
concave	igifukuye
concave lens	Indorerwamwo y'ikintu
concave mirror	Indorerwamwo y'ikintu gifukuye
concept	igisobanuro
concrete	ikintu gifatika
concurrent forces	imbaraga zihurira hamwe
condensation	igabanya
condense	kugabanya
conduct	gutwara

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
conduction	itwara
conductivity	imbaraga zitwara amashanyarazi
conductor	umuyoboro
cone	umutemeri
confine	gufungira hamwe
congruent	ibikorana
consciousness	ubuhanga
consequence	ingaruka
conservation	ububitsi
conservation law	itegeko ryo kubika
consider	kuzirikana
consist	gukubiramo
consonance	isubiramo ry'ingomajwi
constant	kidahinduka
constructive	ibyubaka
constructive interference	Ukwivanga kw'ibyubaka
contact	ibuhura
contain	ikubiyemwo
contract	amasezerano
contraction	impine
contrast	imigaragarire
control	kugenga
control rod	agakoni kagenga
convalescence	kugaruraraho buhoro buhoro
convection	umuyoboro
convenient	binogeye
converging lens	indorerwamo zihura
conversion	ihindura
convert	guhindura
convex	Ikintu kidafukuye
convex lens	Indorerwamwo idafukuye
convex mirror	Ikirori kidafukuye
copper	umuringa
cord	umugozi
cornerstone	Ibuye ry'ifatizo
corresponding	bihura
cosine	kosinisi
coulomb	Kulo
Coulomb's Law	Itegeko rya Coulomb
crack	umusate
craft	ubukorikori
crate	ikaziye
crest	isunzu
critical	icyamahina
critical angle	agafuruka gato
crowded	cyuzuye abantu
crown glass	gifutswe n'ikirahure

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
crystal	igice kigizwe n'ibirabagirana
crystal lattice	idirishya rigizwe n'ibibonerana
crystalline	ibirabagirana
cube	kibe
cubic	ikimeze nka kibe
cubic meter	urugero rw'ubwirangire
curious	kugira amatsiko
curvature	ubuhetame
curve	agaheto
cyan	ibara riri hagati y'ubururu
cycle	umwikubo
cymbal	icyuma
cylinder	umwiburungushure
D	
damage	kwangiza
dart	akambi
data	amakurushingiro
de Broglie Principle	lhame rya de Broglie
decay	kubora
deceleration	akanya ko kwisubiramo
deci	ingingo
decibel	icyacumi cya bel
decimeter	desimetero
deck	ideke
decrease	kugabanuka
define	gusobanura
definite	bisanzweho
deformation	ukwangirika
degree	dogere
deka = deca	icyumi
decameter	dekametero
deliver	kubyara
demonstration	ukugaragaza
density	lreme bwite
depend	biterwa
dependent variable	Impinduragaciro igengwa
derive	komoka
derived unit	ingero nkomoko
descend	kumanuka
descent	ikwiye
design	kugena
destructive	isenya
destructive interference	ukwivanga gusenya
detection	indanga
detector	mushakisha
determine	kugena

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
deviate	kunyuranya
device	igikoresho
dewdrop	ikime
dew point	urugero umwuka uhinduka urume
diameter	umurambararo
diamond	diyama
diaphragm	igicamakoma
differ	kutandukanya
difference in electric potential	Ikinyuranyo mu ngufu z'amashanyarazi
diffract	gutera imirabagirane
diffraction	imirabagirane
diffraction grating	urusobemiyoboro
diffuse	kohereza
diffuse reflection	kohereza iyakiramashusho
digit	Imibare
dimension	ingano
dimmer	kutagaragaza
dip	kwibiza
direction	icyerekezo
directly	uburyo butaziguye
discover	kuvumbura
disintegrate	gutandukanya
disorder	akajagari
disperse	kunyanyagiza
dispersion	inyanyagiza
displace	kwimura
displacement	iyimura
disprove	kuvuguruza
disregard	kwirengagiza
dissipate	kuyoyoka
dissonance	inyuranya
distance	intera
distant	kure
distort	kwangiza
distortion	iyangiza
distribute	gukwirakwiza
disturb	gutokoza
disturbance	icokozwa
dive	koga
diver	ucubira
diverge	gutandukanya
diverging lens	indorerwamo zitandukanye
divide	kugabanya
divider	ikigabanyo
division	igice
dock	icyambu
dockhand	uwukora ku cyambu

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
dog	imbwa
domain	indangarubuga
Doppler	Doppler
Doppler effect	Igikorwa cya Doppler
Doppler shift	Igikorwa cya Doppler
double	kabiri
double slit diffraction	ikinyuranyo mubare cya kabiri
drag	kunyereza
draw	gushushanya
drop	kwika
droplet	isaro
drum	ingoma
ductility	igishobora gukwegwa ntigicike
dust	ivumbi
dynamics	ibygwa by'imbaraga z'imoteri
E	
ear	ugutwi
eardrum	ingoma z'amatwi
echo	nyiramubande
eclipse	ubwirakabiri
eclipse of the sun	ubwirakabiri bw'izuba
ecological	ibirebana n'ibidukijije
ecology	ibidukijije
economical	bitangiza
effect	igikorwa
effective	ikora neza
effective resistance	ibihagarika neza
effectively	ikora neza
efficiency	ikoresha neza ry'ibintu
effort	imbaraga
Einstein	Einstein
elastic	gukurura
elastic collision	ukugongona
elasticity	ugukururuka
electric	amashanyarazi
electric current	umuriro w'amashanyarazi
electric field	ahantu amashanyarazi ahurira
electric field intensity	ahantu hari ubukana bw'amashanyarazi
electric field line	ahantu hari umurongo w'amashanyarazi
electric force	imbaraga z'umuriro
electric generator	imashini y'amashanyarazi
electric potential	umuriro ushoboka
electrode	aho umuriro uca
electromagnet	akuma gukurura ibindi byuma
electromagnetic	rukuruzi
electromagnetic force	mbaraga rukuruzi

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
electromagnetic induction	Ikorwa ry'umuriro
electromagnetic wave	rukuruzi rw'imisusire
electromagnetism	imbaraga z' umuriro na rukuruzi
electromotive (EMF)	ibitera imiyego
electron	elegitro
electron cloud	ahari ubumara bwa kimbuzi
electroscope	igikoresho cy' umuriro w'amashanyarazi
elevator	asanseri
eliminate	gukuraho
ellipse	uturegeka
elongation	ubwirehure
embed	kongeramo
emerge	guhinguka
emergency	ibiyhutirwa
emission spectrum	ubushobozi bwo kwohereza
emit	kwohereza
empirical	nyamibare
enable	kubasha
enclose	kwegera
encounter	guhura
energetic	ibitera imbaraga
energetic state	mu gihe cy'imbaraga
energy	ingufu
energy crisis	ibura ry'ingufu
energy level	urugero rw'imbaraga
engineer	injiniyeri
enormous	kinini
enrichment	gukungahaza
enter	kwinjira
entropy	ibyabaye bito
equation	inganyagaciro
equator	ekwateri
equilibrant	ibigana kuringanira
equilibrant force	imbaraga z'iringaniza
equilibrium	uburinganire
equilibrium position	positisiyo y'uburinganire
equipment	ibikoresho
equivalent	guhwana
erect	guhagarika
essence	esanse
essentially	byankenerwa
ether	eteri
evaporate	guhinduka umwuka
evaporation	ihinduka y'ibintu by'umwuka
evenly	isaranganya
evenness	uburinganire
eventually	iteka

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
evidence	icyemezo
except	kiretse
exception	ukuyemo
excited state	mu gihe cy'ishishikazwa
exert	kwemeza
exhaust	kurondora
exhibit	kuranga
exist	kubaho
expand	kwagura
expansion	iyagura
expect	kwitega
expel	kwomorwa
experiment	kwishiriraho
explore	gushakisha
exponent	uhagarariye
exponential	ibijyanye n'uguhagararira
exponential notation	ibisobanuro bw'uhagarariye
exposure	kwerekana
express	kuganira
extend	kwagura
external	ibyohanze
external force	ingufu ziva hanze
extrapolation	bisanzweho
extreme	kinini
extremely	bikabije
F	
faint	kugwa isari
Farad	Farad
farsightedness	ikibazo cyo kutareba kure
feat	umurimo
fiber	urudodo
fiber optics	insinga zitwara amakuru
fiction	inkuru
field	ikibuga
filament	utuntu dufite imitwe
final velocity	umuvuduko wanyuma
finger	urutoke
first law of motion	itegeko ry'ibanze
first neutron	nutero ya mbere
first-order-line	itegeko rya mbere
fission	inkingi
fixed	bihamyeye
flame	Ikirimi cy'umurimo
flare	kwagura
flatten	ugenzura amakosa
flick	kunyereza

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
flint glass	igikoresho kibonerana
float	kureremba
fluid	ibisukika
fluorescent lamp	itara ritanga umucyo
flute	umwironge
flux	urujyano rw'amakurushingiro
focal	uruhande rw'inyobora
focal length	uburebure
focal point	utudomo nyobora
focus	intumbero
fog	igihu
force	ingufu
force of friction	imbaraga z'ubukame
fork	ikanya
form	ifishi
fraction	umugabane
frame	ikadiri
frame of reference	ikadiri y'akarorero
framework	imiterere remezo
freedom	umudendezo
free-fall	ikintu kiri mumuyego
freezing point	ubushyuhe
Freon	Iferewoni
frequency	ubwisubire
frequently	ibyakoreshejwe kenshi
friction	ubukame
frictional	ibijyanye n'ubukame
frictionless	kutagira ubukame
frozen	ubukonje
fundamental	ifatizo
fur	ubwoya
furthermore	kandi
fuse	ifizibure
G	
gain	kwunguka
galaxy	inyenyeri
galvanometer	igikoresho kivumbura umuriro
galvanic	ibinyanye n'amabati
galvanic cell	akazu gasakajwe amabati
Gamma ray	ubugaragare bw'umurasire
gap	icyuho
gas	igaze
gas law	itegeko rya esanse
gaseous	ibivamo gaze
gasoline	esanse
gauge	igipimo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
Geiger-Muller tube	umuheha wa Geiger-Muller
general theory of relativity	igitekerezo rusange cy'isano
generate	gutanga
germanium	geremaniyumu
giga	giga
give	gutanga
glance	kureba wihuta
glass	ikirahuri
glider	akanyerezo
gluon	Igipimo cy'uduce
gold	zahabu
govern	kuyobora
gradual	buhoro
gradually	buhoro buhoro
grain	impeke
grains	impeke
gram	igarama
graph	ishusho mbonera
graphical	migaragarire
grating	ikirura
gravitation	rukuruzi
gravitational field	umwanya wo ku mbaraga rukuruzi
gravitational force	imbaraga rukuruzi
gravitation mass	itsinda rya rukuruzi
gravitation potential energy	ingufu za rukuruzi ziboneka
graviton	utuntu duto twitwa graviton
gravity	umunzani
green	icyatsi kibisi
ground state	ingufu nkeya zikomotse ku muriro
grounding	isi
gyroscope	ikigizwe n'uruziga ruzenguruka
H	
Half-life	Ubuzima bw'igice
halt	guhagarara
hammer	inyundo
handle	umukondo
harmonic	imikoranire
harmonious	ibikorana
haul	gukurura
headlamp	Itara rya moto
heat	ubushyuhe
heat effect	Igikorwa cy'ubushyuhe
heat engine	igishyushya imoteri
heat of fusion	ubushyuhe buyongesha
heat of vaporization	urugero rw'ubushyuhe butera umwuka
heat pump	igikoresho kirungika umuriro

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
specific heat	ubushyuhe bukenewe
heavy	kiremereye
hecto	ijana
hectometer	hegitometro
height	Indeshyo
Heisenberg uncertainty principle	Ihame rishidikanyije rya Heisenberg
helicopter	kajugujugu
Helium	heliyumu
hence	kubw'ibyo
Hertz	Hertz
high temperature source	inkomoko y'ubushyuhe
hiker	abagenda mu misozi
hilly	ibigizwe n'imisozi
hockey	umukino ukirirwa ku rubura
hollow	umugezi
Hooke's law	Ihame rya Hooke
horizontally	uburyo butambitse
horn	ihembe
huge	kinini
hull	imvuvu
hydraulic	ibijyanye n'amazi
hydraulic system	sisitemu y'iby'amazi
hydrogen	idorojene
hydrodynamics	ibygwa bw' imiyega yo mu mazi
hydrostatics	ubushakashatsi bujyanye n'amazi
I	
ideal	ifatizo
ideal gas	igaze fatizo
ideal gas law	ihame ry'igaze fatizo
ideal mechanical advantage (IMA)	umumaro w'ubuhanga bwo gukora ibyuma fatizo(IMA)
ignite	gucana
ignition	icanwa
illuminance	imigaragarire
illuminate	gukuraho
illuminated body	igihimba cyamurikiwemo
illumination	imurikirwa
illusion	inzosi
image	igishushanyo
imagine	kwiyumvira
immerse	kwibira
immersion	iyibizwa
immersion heater	amazi ashushye muri robine
impart	gutanga
implication	gusangira
impossible	ikidashoboka
impulse	gukora ibyo utateguye

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
incandescent	ribonesha cyane
incandescent lamp	itara
incident	icyabaye
Incident pulse	Ibyabaye mu mpinduka
Incident wave	Ibyabaye mu misusire
incision	ikatwa
inclined	bihinye
Inclined plane	Ikinyamibyimba itatu
incompressible	ibidakunjika
increase	kwongeraho
independent variable	impinduragaciro y'igenga
independence	ubwigenge
Index of refraction	umuvuduko w'umucyo
indicate	kwerekana
indication	iyerekanwa
individual	Ku giti cye
induction	iyinjiza
inductive reactance	ifashayoboro
inelastic	kidakururwa
inelastic collision	igongana ry'ibintu
inertia	kutanyeganyega
inertial mass	uburemere bwo kutanyeganyega
inexpensive	ikidahenze
inflate	kwagura
influence	koshya
initial	icy'ibanze
initial momentum	Ingufu z'umwimerere
initial velocity	umuvuduko w'umwimerere
inner ear	ugutwi
input	icyinjizwa
insect	agasimba
insert	gucomeka
instant	umwanya
instantaneous	icyafatiweho
instantaneous speed	umuvuduko ufatiweho
instantaneous velocity	umuvuduko ufatiweho
instantaneously	ako kanya
instead	mu mwanya wa
instrument	igikoresho
insulate	gutandukanya
insulator	gitandukanya
intake	iyinjirira
integer	umubare wuzuye
integrate	kongeramo
integrated circuit	sirikwi yongewe
intensity	ubukana
interaction	ikiganiro

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
intercept	gukinga
interfere	kurogoya
interference	kirogoya
intermediate	guhuza
internal	iby'imbere
internal energy	ingufu ziva imbere
internal force	imbaraga ziva imbere
interparticle	ibihuza uduce
interpretation	insobanuro
interrupt (to)	guhagarika
interstellar	hagati y'inzenyeri
interval	intera
interlock	kwihuza
invent	gugimba
inverse	gucurika
inverse variation	ikinyuranyo gicuritse
inversely	mu buryo bucuritse
invert	gucurika
investigate	kugenzura
inward	ibiri imbere
ion	iyo
iridium	iridiyumu
iron	icyuma
irrigate	kwuhira
isolate	gushyira ikintu ukwacyo
isolated system	sisitemu iri ukwayo
isotope	izotope
J	
jet plane	indege
jeweler	umucuruzi w'amabuye y'agaciro
joule	jule
Jupiter	Jupiteri
K	
Kelvin	Kelvin
Kelvin scale	Urugero rwa kelvini
kidney	impyiko
kilo	ikilo
kilogram	kilogarama
kilometer	likilometero
kilopascal	kilopasikali
kilowatt	kilowate
kilowatt hour	kilowate kw'isaha
kinematics	ibygwa bijyanye na mekanike
kinetic energy	ingufu ziri kuzunguruka
kinetic molecular theory	Inyigisho z'ingengangingo zizunguruka

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
kinetic theory	Inyigisho z'ibiyega
knapsack	igikapu
knob	ipfundo
krypton	kiriptoni
L	
laboratory	laboratwari
lack	kubura
laser	lazeri
lattice	idirisha
launch	gutangiza
law	itegeko
law of action and reaction	itegeko rijyanye n'igikorwa
law of conservation of momentum	itegeko ryerekeye ubibitsi bw'ingufu
lawn	ubwatsi
lawn mower	imashini ikata ibyatsi
lead	kuyobora
leak	kurigata
ledge	Impande z'umusozo
left-hand rule	itegeko ry'akaboko k'imoso
legend	igitekerezo
length	uburebure
lengthen	kurambura
lens	indorerwamwo
Lenz's Law	Itegeko rya Lenzi
lepton	lebutoni
level	urugero
lever	agakoni kagoramye
Leyden Jar	Ijerikani
liberate	kubohora
librarian	ushinzwe inzu y'ibitabo
lift	asanseri
light	umucyo
light wave	umuraba w'amazi woroheje
likewise	kimwe na
line	umurongo
linear	ibiri ku murongo
linear accelerator	icyongera umuvuduko
linear equation	agace k'umurongo
liner	uwushyira k'umurongo
lip	umunwa
liquefy	guhindura ibisukika
liquid	amatembabuzi
liter	ilitiro
literally	bivuzwe uko biri
location	aderesi
lodestone	ibijyanye n'umwimerere

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
longitudinal	icyerekezo
longitudinal wave	icyerekezo cy'imisusire
loudness	urusaku
loudspeaker	indangururamajwi
low	riri hasi
low temperature sink	ubushyuhe buri hasi
lubricant	amavuta y'imashini
lumen	lumeni
luminous	utumuri
luminous flux	urugero rw'umucyo
luminous intensity	ubukana bw'utumuri
lunar	ukwezi
lunar module	Urugendo rw'ukwezi
lung	igihaha
M	
magenta	umuhengeri
magnet	rukuruzi
magnetic	ya rukuruzi
magnetic field	imbaraga rukuruzi
magnetic field line	umurongo w'imbaraga rukuruzi
magnetic flux	urugero rw'uburebure bw'imbaraga rukuruzi
magnetic induction	igituma ikintu kiba rukuruzi
magnetism	lbyigwa bijyanye na rukuruzi
magnification	ihindura ry'ingano
magnify	ikongera
magnifying glass	mutubura
magnitude	ubukana
maintain	kubika
malleability	ibijyanye n'ibumba
manner	uburyo
manufacture	gukora mu ruganda
mass	uburemere
mass defect	itandukaniro riri hagati y'uburemerebwa atome
mass number	Imibare y'uburemere
mass spectrograph	spegitogarafe y'uburemere
massive	kinini
mathematical science	siyanse y'imibare
mathematically	kubw'imibare
mathematician	umunyamibare
matter	ikintu
matter wave	Imisusire y'ikintu
maximum	umubare munini
mean	impuzandengo
measurable	ibipimika
measurement	ibipimo
mechanical advantage	umumaro wa mekanike

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
mechanical energy	ingufu za mekanike
mechanical force	imbaraga za mekanike
mechanical wave	imisusire ya mekanike
medical	ibijyanye n'ubuvuzi
medium	hagati
mega	mega
megahertz	megaherite
megawatt	megawate
melt	kuyonga
melting point	rugero rw'ubushyuhe
membrane	ingirabuzima fatizo
mercury	icyuma cya merikire
mercury barometer	igikoresho gipima umwuka
meson	mezoni
metabolism	imikorere y'umubiri
metal runner	icyuma cyo kwirukamo
meteorology	ubumenyi bw'ikirere
meteoroid	Imirase yica
methanol	metanole
method	uburyo
meticulously	mu bwitonzi
metric system	uburyo bwo kubara
micro	gitoya
microfarad	farad nto
microphone	Mikorofone
microprocessor	Poroseseri nto
microscope	Mikorosikopi
microscopic	Ibijyanye na mikorosikopi
microwave	Icyuma gishyusha ibiryo
middle ear	ugutwi kwo hagati
Milky Way Galaxy	Uruhurirane rw'inyenyeri
milli	Igihumbi
milliampere	ampere igihumbi
millibar	Milibare
milligram	Miligarama
milliliter	Mililitiro
millimeter	Milimetero
mirage	ishusho
mirror	Ikirore
mix	Kuvanga
mixed	bivanzwe
mixture	ikivange
moderate	kuyobora ikiganiro
moderator	uwuyoboye ikiganiro
modification	impinduka
modify	guhindura
module	isomo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
mole	mole
molecule	ingenangingo
momenta	umuriro
momentum	harimo umuriro
motion	umuyego
mouthpiece	umuvugizi
mower	imashini ikata ibyatsi
mud	icyondo
multiple	Igikubo
multiplication	ikuba
multiply	gukuba
muon=meson	muoni
mutual	Icyo muhuriyeko
mutually	uagati ya babiri
muzzle	umunwa
N	
Nano	Nano
nanometer	nanometro
nanosecond	icya miliyari cy'isegonda
naphtha	nafuta
nasal	icy'amazuru
natural	by'umwimerere
nature of the surface	inkomoko y'ubuso
nearsightedness	miyopi
negative	negatifu
negative charge	sharije negatifu
neon	neoni
net force	ingufu zose
neutral	ukutabogama
neutrino	neutrino
neutron	neutroni
newton	newton
Newton	Newton
Newton's First Law of Motion	Itegeko rya mbere rya Newton
Newton's Second Law of Motion	Itegeko rya kabiri rya Newton
Newton's Third Law of Motion	Itegeko rya gatatu rya Newton
nickel	ubutare
nitrogen	nitrojeni
nodal	nodali
nodal line	umurongo wa nodali
node	node
non perpendicular component	umurongo udashinze
non perpendicular component of vector	umurongo udashinze wa mujyana
normal force	imbaraga zisanzwe
north pole	pole y'amajyaruguru
North Pole	Pole y'amajyaruguru

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
Northern Hemisphere	Igice cy'isi cy'amajaruguru
northern light	umucyo wo mumajyaruguru
notation	Ibisobanuro
note	insobanuro
nuclear	kirimbuzi
nuclear bombardment	itegwa rya kirimbuzi
nuclear model	icyitegererezo cya kirimbuzi
nuclear potential energy	ingufu zikwiye za kirimbuzi
nuclear reaction	ikora rya kirimbuzi
nuclei	kirimbuzi
nucleon	izingiro kirimbuzi
nucleus	izingiro
nuclide	nukilide
numerically	mu mubare
O	
obey	kumvira
oboe	obowe
observable	ikiboneka
observation	imigaragarire
observatory	aho ibigize ikirere bireberwa
observe	kureba
obstacle	imbogamizi
obtain	kuronka
occupy	gutura
occur	kuba
octagon	Ikinyampandumanani
octagonal	kigizwe n'impande umunani
octave	octave
Ohm	Ohm
Ohm's Law	Ihame rya Ohm
opaque	kijimye
operation	ggikorwa
oppose	kunyuranya
optical	ibijyanye no kubona
optical density	Ireme bwiterye ibijyanye no kubona
optics	Ibijyanyen'amaso
orbit	Ikinogori
organ	Ingingo
orientation	icyerekezo
origin	Inkomoko
oscillate	kuzunguza
oscillation	izunguza
oscilloscope	akuma gapima ukwizunguza
outer ear	ugutwi
outlet	ikigo
output	umusaruro

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
outward	gusohoka
oval	gifite ishusho y'igi
overall	rusange
overload	kuzura bikarenga
overlook	kwirengagiza
overtones	uruhare
oxygen	ogisijeni
P	
painstakingly	mu bwitonzi budasanzwe
palm	umukindo
parabola	ishushogi
parabolic	bishushanijwe
parachute	kumanukira mu mutaka
paraffin	peteroli
parallax	guhindura
parallel	bibangikanya
parallel connection	ihuzanzira ribangikanye
parallel force	imbaraga zibangikanye
particle	uruteranyirizo
particle accelerator	uruteranyirizo nyongeramuvuduko
Pascal	Pascal
Pascal's Principle	lhame rya pascal
patch	ikiremo
path	inzira
pavement	inzira
peculiar	bwite
peculiarity	icyihariye
pendulum	urushinge rw'isahaur
performer	umuhanzi
perimeter	imbibi
period	igihe
periodic	kigaruka
permanently	gihoraho
perpendicular	umurongo ugabanyamo kabiri
perpendicular force	imbaraga z'umurongo ugabanyamo kabiri
perpendicularly	mu buryo bugabanyamo kabiri
perspective	imiterere
perspiration	icyuyya
phase	icyiciro
phenomena	amagombana
phenomenon	igombana
philosopher	umufilozofe
phosphor	fosiforo
phosphorescence	ububonerane
photoelectric effect	ingaruzi z'amashanyarazi y'izuba
photoflash	agatara gatanga umucyo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
photography	iyakiramashusho
photo resistor	kidafata amafoto
photovoltaic	hatari ubushobozi bw'amafoto
photovoltaic cell	ingirangingo z'amafoto
physical	uburyo bw'umubiri
physical phenomena	icyabaye
physicist	umuhanga muri fiziki
physics	ubugenge
Pico	Piko
Pico farad	Pico farade
pie	inkingi
piezoelectricity	amashanyarazi ya piezo
pig	ingurube
pigment	agatonyanga k'irangi
pile	ikirundo
pinna	ugutwi
pipe	umuheha
pistol	pisitori
piston	akuma kiburungushuye
pitch	ikibuga
pith	intima
pith ball	intima y'umupira
plane mirror	ikiyo cy'indege
planet	umubumbe
plasma	umushongi w'amaraso
plastic	Pulasitike
platinum	platine
plot	isambu
plunge	kuroha
polarity	umukono
polarized	iyogojwe
plane polarized	indege ifite utumuri
polarization	ububonerane
polarizer	ibituma hoboneka
pole	Inkingi
pollution	guhumanya ibidukikije
pound	igipimo
portion	umugabane
position	umwanya
positive	icyizere
positive charge	ikintu kirimo umuriro mwinshi
positron	positoroni
possess	gutunga
postulate	icyangombwa
pot	inkono
potential	igishoboka
potential energy	ikiranga imbaraga

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
potentiometer	igikoresho gipima umuriro
pour	gucurika
power	umuriro
practical	ikora neza
precise	guhama
precisely	ibyanyabyo
precision	amahame
predict	guhanura
predominate	kurengera
prefix	integuza
preliminary	ibyibanze
pressure	umwuka
presumably	gishobora
prevent	gukingira
previous	ubuheruka
previously	imbere yaho
primary	ubwambere
primary coil	umuzingo wa mbere
primary color	ibara ry'ibanze
primary pigment	agatonyanga k'irangi kambere
principle	ihame
principal axis	urugero rw'ihame
principal focus	intumbero y'ibanze
principal focal point	utudomo nyobora twibanze
principle of superposition	urugero rw'imisobekere
prism	purisime
probability	agateganyo
probe	iperereza
procedure	uburyo
process	inzira
productivity	umusaruro
programmable	igishobora gutegurwa
prohibit	kubuza
project	umugambi
projectile	umwambi
projectile motion	umuyega w'umwambi
propel	gutirimura
property	ikiranga
proportional	bijyanye
proportionality	ukujanisha
proportionality constant	byose ntibihinduka
propose	gutanga igitekerezo
proton	poroto
protractor	kompa
prove	kwemeza
proximity	byegeranye
puck	disiki

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
puddle	ibiziba
pull-tab	igobotora
pulley	umutende
pulsar	gukanda n'agakaramu
pulse	umusogwe
pump	ipompo
push	gusunika
putty	komeka
Pythagorean	Filozofi ya Pitagore
Pythagorean theorem	Ihinamvugo rya Pitagore
Q	
quadrangular	ishusho y'imfuruka enye
quality	ubwiza
quantity	ubwinshi
quantize	kugwiza
quantum mechanics	Ubumekaniki buhambaye
quantum number	numero ihambaye
quantum theory	inyigisho gihambaye
quark	Igice gifatika
quark model nucleon	Urugero rw'utumanyu tw'igice gifatika
quotient	umugabane
R	
raceway, racetrack	gukurikira ,inzira
racquet	rakete
radial	ibijyanye n'ibikururwa
radially	bukuruzi
radiation	gukurura
radiator	radiyateri
radio	iradiyo
radio wave	imikusire y'iradio
radioactive	ibyuka
radioactive decay	ibyuka bibora
radioactive material	ibikoresho by' ibyuka
rainbow	Umukororombyai
raise	gukuza
ramp	inzira imanuka
random	ikibonetse cyose
range	gutondesha
rank	urwego
ray	umurasire
ray optics	umurasire w'amaso
razor	urwembe
reaction	igisubizo
readily	giteguye
real	nyakuri

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
real image	ishusho nyakuri
realistic	gishyize mu gaciro
rebound	kugarukaho
reciprocal	byerekezo bibiri
recombine	guteranya kandi
recognize	kwemeza
rectangular	cy'urukiramende
red	umutuku
redefine	gusuzuma
reed	urubingo
reestablish	kugarukaho
refer	kwerekeza
reference	ishakiro
reference point	akadomo mfatiro
reflect	kohereza
reflection	iyoherezwa
refraction	imirasire
refrigerator	firigo
regard	isano
region	akarere
register	kwiandikisha
regular reflection	kumurika buri igihe
regulate	gutunganya
reinforce	gushimangira
reinforcement	ishimangira
relate	guhuza
relationship	imishyikirano
relatively	kugereranya
relativity	isano
release	kurekura
remain	kuguma
remainder	ibyasigaye
remove	gucomokora
renew	kuvugurura
repeat	gusubiramo
repel	guca intege
repetitious	gusubiramo
replace	gusubiriza
represent	guhagararira
repulsion	kwanga
repulsive	igiteye isoni
research	ubushakashatsi
resist	kwangira
resistance	imbogamizi
resistor	utwuma twohereza umuriro
resolve	gusubiza
resolving power of lens	igisubizo cy'ubushobozi bw'ikiyo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
resonance	ijwi rigera kure
respective	uwubashywe
response	igisubizo
restatement	isubiramo ry' igitekerezo
restoring force	kwongera ingufu
resultant	umusaruro
retain	kubika
retina	ijisho
reveal	guhishura
reverse	gusubiza
revolve	gucurika
rheostat	inteributeri
ribbon	akabendera
ridge	umugongo
right angle	imfuruka igororotse
rigid	kidahinduka
ripple	ijwi rivuga nk' amazi atemba
ripple tank	kidahinduka
rise	guhaguruka
rivet	gufatisha
robot	irobo
robotics	ikora ry'amarobo
rocket	irokete
rocking	gutigisa
roll	kuzinga
rope	umugozi
rubber ball	umupira
rush	kubangura
S	
sac	ububiko
sack	igunira
sag	guhisha
sailor	umusare
sap	amakakama
satellite	icyogajuru
saxophone	itarumbeti
scaffold	igikwa
scalar	kuringaniza
scalar quantity	kuringaniza ubwinshi
scale	indinganizo ,umunzani
schematic	igishushanyo
scientific	lby'ubuhanga
scientific method	uburyo bw'ubuhanga
scientific notation	Ibisobanuro bya siyanse
scintillation	guhumba
scissors	imikasi

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
screen	mugaragaza
screw	iburo
screwdriver	isupani
scuba	kwibira mu mazi
sea level	urugero rw'inyanja
seal	gupfundikira
second	icya kabiri
secondary	ubwa kabiri
secondary coil	umuzingo wa kabiri
secondary color	ibara rya kabiri
secondary pigment	agatonyanga kirangi
second left-hand rule	itegeko rya kabiri ry'ukuboko kw'imoso
second-order line	umurongo w'itegeko rya kabiri
selenium	seleniyumu
self-inductance	kwiyemera
semiconductor	lcuma gihwanya ibindi
sensation	kwiyumva
sense	ubwenge
sensitive	lby'ibanga
separate	gutandukanya
separated	bitandukanijwe
series	itsinda
series connection	lbice bw'ihwana
series-parallel circuit	lbice by'inzira ibangikanye
sewing	igikorwa cyo kudoda
sewing needle	urushinge badodesha
shadow	igicucu
shape	ishusho
share	gusangira
ship builder	umwubatsi w'ubwato
shirt	ishati
short circuit	Inzira ngufi
shot-putter	ujugunya ibiremereye
shovel	ikiyiko
shrink	kugabanya
sidewalk	inzira y'amaguru
sideway	inzira yo ku ruhande
significant	igisobanutse
significant digit	umubare g=usobanutse
silicon	silikone
silk	gikoze m u mwenda woroshye
silver	ifeza
simple harmonic motion	ikigenda cyoroshye cyiza
simple machine	imashini isanzwe
simplify	koroshya
single-slit diffraction	kinyuranyo mu bare kigenga
sink	kurohama

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
sine	sine
sinus	sinisi
sinkable	ibishobora kurohama
siren	intabaza
skating	kunyereza
skydiver	ukora siporo yo mu rubura
sled	akanyerezo
sliding friction	kunyereza
slightly	byoroshe
slit	gukata
slope	kuberama
smokestack	ibisohora umwotsi
smooth	kuringaniza
snap	kumanyura
Snell's Law	lhame rya Snell
snowmobile	imodoka zo mu gihe cy'urubura
socket	umuyoboro
sodium	sodiyumu
solar	izuba
solar cell	urumuri rw'izuba
solid	gikomeye
solid state	kiri mu bikomeye
solidity	ugukomera
solution	igisubizo
sonar	igikoresho kivumbura ikintu kiri mu mazi
soot	umurayi
soprano	umuziki ufite ijwi rikabije
sound wave	ijwi risohotse
South Pole	amajyepfo
spacecraft	ikigendajuru
spark	igishashi
specific	cyihariye
specific heat	ubushyuhe bwihariye
speck	kadomo
spectrometer	Igipimo cy'ubutabire
spectroscope	spectrosicope
spectrum	igice
speed	umuvuduko
sphere	umubumbe
spherical	ishusho y'umubumbe
spherical aberration	ikinyuranyo c'yumubumbe
spider web	urusobemiyoboro
spill	gusesekara
spin	kubyina
spiral	nyamwihinahine
split	gutandukanya
spoiler	umwononyi

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
spontaneously	icyarimwe
spoon	ikiyiko
spray	gutera umuti
spread	gukwirakwira
spring	rasoro
sprinkle	kwumisha
square	ubwikube kabiri
standard atmospheric pressure	umwuka ukwiye w'ikirere
startling	gikanganye
state	leta
standing	gihagaritse
standing wave	imisisire ihagaze
static friction	ubukame butayega
static electricity	amashanyarazi atayega
statics	ibitayega
stationary	ibikoresho byo mu biro
steam	umwuka
stem	icumbi
step-down transformer	adabutateri igabanya umuriro
step-up transformer	adabutateri yongera umuriro
stick	gufata
stiffness	kugagara
still	gituje
stimulate	gushishikariza
stimulated emission	ukoherezwa gushishikajwe
stitch	ijisho ry'urushinge
stone	ibuye
store	ububiko
straight	ikigororotse
straighten	kugorora
strain	kuminina
straw	umukenke
strength	ubushobozi
stretch	kurambura
strike	kwigaragambya
string	umugozi
strip	gusiba
strobe	igikoresho gitanga umucyo
strobe light	umucyo utanzwe na stirobe
strobe photography	umucyo uboneka mw' ifotora
strong nuclear force	ingufu za kimbuzi ikomeye
structure	imiterere
subatomic	ama atome mato
submarine	amato y'intambara
submerge	kwibira
substance	ibikubiyemo
substitute	umusimbura

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
subtraction	gukuramo
succession	gukurikira
suddenly	ako kanya
sufficiently	byihagije
sulfide	silifide
summarize	guhina
superposition	igerekeranya
supersonic	ikinyamajwi
support	inkunga
surface	ubuso
surface tension	ubuso by'ingufu
surface wave	Ubuso bw'amashusho
surgery	ibagwa
surplus	ibisaga
suspect	gukeka
suspend	guhagarika
Swedish	uturuka suwede
sweep	gukubura
swing	kwicunda
swing seat	intebe yicunda
swirl	kunyereza
symbol	ikimenyetso
symmetrical	bisa
synchrocyclotron	sinkorotrone
systematic	byitondewe
systematic method	uburyo bwitondewe
T	
table	imeza
tangent	imitondekere
tank	itangisi
technique	ubuhanga
technologist	umuhanga
telescope	telesikope
temperature	ubushyuhe
temperature scale	igipimo cy'ubushyuhe
temporary	agateganyo
tend	gushakagukora ikintu
tendency	kamere
tensile	gukurura
tension	ingufu
terminal velocity	umuvuduko w'ubushyuhe
terrestrial	ababa kw'isi
tesla	telsa
tetrachloride	kloride ya 4
The Law of Conservation of Energy	Itegeko ry'Ibika ry'ingufu
The Law of Conservation of Momentum	Itegeko ry'Ibika intera

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
The Law of Reflection	Itegeko ry'igarururumuri
The first law of Thermodynamics	Itegeko rya mbere mu bw'imbaraga kamere
The second law of Thermodynamics	Itegeko rya kabiri mu bw'imbaraga kamere
theoretical physicist	umuhanga w'a fiziki mu by' ibitekerezo
theory	igitekerezo
theory of relativity	igitekerezo cy'isano
thermal	gashuhu
thermal energy	ingufu z'ubushyuhe
thermal equilibrium	ingana ry'ubushyuhe
thermal expansion	iyagura ry'ubushyuhe
thermodynamics	ubutabirei yiga imbaraga kamere
thermometer	Igipimo cy' ubushyuhe
thermometry	inyigisho zo gupima ubushyuhe
thermonuclear	iubushyuhe bwa kimbuzi
thermonuclear reaction	ibijyanye n'ubushyuhe bwa kimbuzi
thermostat	Igikoresho kirinda ubushyuhe
thin	kinanutse
thin film	agace koroshye
thorium	toriyumue
thread	indodo
threshold	umurongo nshingiro
throat	umuhogo
thumb	igikumwe
tide	uruzi
tighten	gukaza
tightly	ibijyanye no gukaza
tilt	kiberamye
timbre	ijwi ry'ihamagara
time	umwanya
tiny	gito cyane
tire	kunanirwa
tissue	igitambaro
tolerate	kwihanganira
toner	toneri
tongue	ururimi
torr	igipimo
torsion	ukwivuguruza
torsion balance	umunzani wivuguruza
total internal reflection	Ukurabagirana kose kw'imbere
tower	umunara
tractor	imodoka nini ihinga
train	gari ya moshi
trajectory	inzira
trampoline	icyuma cyo kwidundaho
tranquilizer	uwuhumuriza
transducer	umuhinduzi
transfer	kohereza

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
transformer	adabutateri
transistor	igicucu
translucent	ikibonerera
transmission	iyohereza
transmit	guhererekanya
transmitted wave	umuraba wambukiranya
transmutation	kwimura
transparent	kibonerana
transverse	ntambike
transverse wave	umuraba ntambike
trench	umuyoboro
triangle	mpandeshatu
trigger	imbarutso
trigonometry	tirigonometri
trillion	imiliyaridi igihumbi
trombone	agasandugu kabikwamo akarumbeti
trough	umuyoboro
trumpet	itarumbeti
tuba	tuba
tube	itibe
tune	injyana
tuning fork	ifurushete
tungsten	tungsteni
tunnel	umuhora
turbulent	umudugararo
twice	kabiri
twirl	kunyereza
twist	kubohekanya
U	
ultrasonography	amashusho y'imbere y'amajwi
ultrasound	ibinyamajwi
unaffected	umubare wuzuye
unavailability	ukutaboneka
unbalance	kuzunguza
unbalance force	imbaraga zo kuzunguza
uncertainty	ikintu utizeye
unchanged	ikitahindutse
undergo	guca mu bintu
undiminished	ikitagabanyijwe
uniform	impuzankano
uniform acceleration	lyongezamuvuduko rihuye
uniform circular motion	igenda rihuje umujyo
uniformly	bijyanishije
unit	ikinyabumwe
units of force	igipimo cy'imbaraga
universe	isanzure

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
unknown	ikitazwi
unsteady	kutaguma hamwe
upright	guhagarika
upward	kireba hejuru
utensil	igikoresho
V	
vacuum	inkubuzo
valid	cyemewe
value	agaciro
vapor	umwuka
vapor state	kumera nk'umwuka
vaporization	ihinduka ry'amazi mu mwuka
vaporize	guhindura amazi akaba umwuka
variable	igihinduka
variation	ihindagurika
variety	ubwoko
various	binyuranye
vector	vegiteri
vector quantity	ubwinshi bwa mujyana
vector resolution	igisubizo cya mujyana
vector sum	Igiteranyo cya mujyana
vein	umutsi
velocity	umuvuduko
verification	gusesengura
vertex	uruti
vertically	impagarike
vibrate	gutitira
vibrational motion	umuyego utitira
violate	kwangiza
virtual	kitaboneka
virtual image	ishusho
viscous	kirekuye
viscous liquid	amazi ataboneka
visible	ikiboneka
visualize	kureba
vocal	ibijyanye n'amajwi
vocal cord	imirya y'ijwi
volatile	ibiguruka
volatile liquid	ibisukika biguruka
volt	ivolote
voltaic	ingabanyangano
voltaic cell	inirangingo y'ingabanyangano
voltage	ingabanyangano
voltage divider	ikigabura ingabanyangano
voltage drop	imanuka ry'ingabanyangano
voltmeter	akuma gapima umuriro w'amashanyarazi

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	KINYARWANDA
volume	ubwirangire
vowel	inyajwi
W	
water pollution	ibihumanya amazi
wave speed	umuvuduko w'imisusire
weak force	ingufu nke
X Y Z	
X-rays	Imirasire ipima indwara
X-value	Agaciro X
Xerox	icyuma gifotora
Y-value	umumaro –Y
yellow	umuhondo
zinc	ubutare