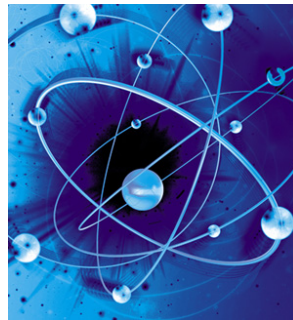
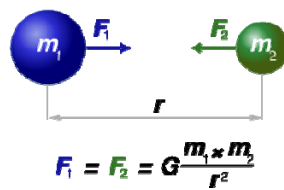


Glossary

High School Level

Physics Glossary

English / Mandinka



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	MANDINKA
A	
aberration	tognanté
ability	assi sing ména
absence	fintijé
absolute scale	scaloabsoluto
absolute zero	zero absoluto
absorption	susulo
absorption spectrum	spectrum susulo
accelerate	tariya
acceleration	tariyalo
acceleration of gravity	gravitétariyalo
accentuate	do kaffu tama
accompany	khadanda
accomplish	khadafa
accordance	kanbinwo
account	conto
accumulate	khakaffugnokhonma
accuracy	tilininwo
accurate	tilining
achieve	khasoto
acoustics	acustiko
action	acsiyon
activity	activité
actual	sagni
addition	kaffulo
adhesive	collo
adjacent	adjacenwo
advantage	avantajo
aerodynamics	ayérodinamiko
air pollution	fogno la tignolo
air resistance	fognogoléya
air track	fognotracko
aircraft	aviyon
airfoil	fognobalilanwo
airplane	fognoplano
alcohol	alcolo
algebra	algébro
allow	kanwo dii
alternating current generator	Khégénétrato rofanwo alterné
altimeter	altiméto
aluminum	aluminio
amber	ambéro
ammeter	ammététo
ampere	ampéro
amplitude	amplitudo
analogy	analogiwo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
analysis	analiso
analyze	khaanalisé
antinodal line	antinodaloligno
anemoscope	anémoscopo
aneroid	anéroyido
aneroid barometer	Anéroyido baraméto
angle	anglo
ant.; antenna	antén; anténo
antinode	antinodo
antiparticle	antiparticlo
apparent	ajéta
appendix	appendixo
applied force	késimbokala
approach	approcho
aquarium	aquariumo
arbitrary	arbitréro
arc	arco
archer	archéro
Archimedes' principle	Archimédes la principio
architect	architecto
area	dula
argon	argono
Aristotle	Aristote
armature	kélékémiranwo
arrow	flésso
arrangement	gnabolo
artificial	artificiélo
artificial radioactivity	Artificiélo radioactivité
artillery	aékémiranlu
aspect	aspé
assemble	khakamari
assume	khi loo ama
assumption	miro
astronomer	astronoméro
astronomical	astronomiko
astronomy	astronomi
athlete	athléto
atmosphere	atmosphéro
atmospheric	atmosphériko
atom	atomo
atomic energy	atomikokuranwo
atomic mass unit	atomikofangounité
atomic number	atomikoniméro
attach	sitilanwo
attain	khasoto
attract	khasaba
attraction	sabalo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
attractive	asasaba
audience	audiensó
auditorium	auditoriumo
auditory	mokhomédula
aurora	auroro
aurora borealis	auroroboréaliso
automobile	mobilo
average	assitakhafo
average speed	tariyasitakhafo
average velocity	vitéssositakhafo
axis	axo
axle	axlo
B	
back - EMF	koma-EMF
baffle	baffulo
balance	balanso
barometer	barométró
barrel	barigonwo
barrier	barriyéro
baryon	baryono
base level	basonivo
basic equation	equation basiko
basin	Jiifélinwo
basis	basiso
batter	lapi
battery	battiri
bead (ex., optic bead)	kono (ex., kono optiko)
beaker	casse
beam balance	rayon balanso
beat	télo
behave	kégna
behind	komala
bend	bitilo
beneath	khotolala
bent	kutulin
Bernoulli's principle	Bernouilli la principio
beyond	A tambita wola
billiard	billardo
bimetallic	négué fula
bimetallic strip	négué fula stripo
binding energy	Kuranwo forcé
binocular	binoculéro
black-hole	dingo-fimanwo
blade	lamo
block	kuro
blue	bajima

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
blur	nokho
bob	bobo
boiling	Abé wuri khan
boiling point	wurilo danwo
boldface	gnada ba
bolt	Yi bori
Boltzmann constant	Boltzmann mumbé dula kiling
bond	atéma
boreal; borealis	borealo;boréaliso
bounce	khi pan
boundary	frontiyéro
bow	golong
bowling ball	bowlin ballonwo
bowstring	julo
Boyle’s law	Boyle la silo
brain	khakilo
branch	brancho
brass	gulo
breeder reactor	generator réactoro
brick	briko
brief	khala sutuya
bristle	tiiwo
broadcast	kibaru bunda
bubble	sarisari
bubble chamber	sarisari chambéro
bug	buggo
bugle	buglo
bulge	buljo
bullet	ballé
buoyancy	bouonssi
buoyant	buoyanto
buoyant force	buoyant simbo
burglar	sungwo
burglar alarm	sungwo alarmo
by virtue of	ani khrogna
C	
cable	cablo
cadmium	cadmiumo
cadmium sulfide	cadmium sulfido
calculate	kha jaté
calculus	calculuso
calibrate	calibrato
caloric	caloriko
caloric theory	Caloriko théoriwo
calorie	caloriwo
calorimeter	calorimétro

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
camp	cam
camper	campéla lu
candelabra	candélabro
candle	buji
cannonball	cannon késso
canoe	canoé
canyon	canyono
capable	Assi sinno
capacitance	capacitanso
capacitor	capacitoro
capacity	capacité
capillary	capilléro
capillary action	capilléro acsiyon
capsule	capsulo
carbon	carbono
carbon grain	carbon késso
carbon tetrachloride	carbon tétrachlorido
carpet	tapiwo
carton	cartonwon
case	kuwo
cast	casto
catheter	cathéto
cathode	cathodo
cathode-ray tube	cathoddo-rayon tubo
cause	mun kha tu
cavity	cavité
celestial	célestialo
Celsius Scale	Célsiuso Scalo
cement	cemento
centimeter	centiméto
centripetal	centripétalo
centripetal acceleration	centripétalo tariya
centripetal force	centripetal simbo
cesium	cesiumo
chamber	chambro
characteristic	caractéristiko
charge	charjo
charged	charjélinwo
charging by conduction	kha chargé ani conducsiyon
charging by induction	kha chargé ani inducsiyon
Charles' Law	Charles la silo
chimney	chéminé
chloroform	chloroformo
chord	chordo
chromatic	chromatiko
chromatic aberration	chromatiko toгна témina
circuit	fil julo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
circuit breaker	filo julo kuntula
circular	circuléro
clarinet	clarinéto
clarity	séniya
clockwise	clock wiso
club	clubo
cluster	clustéro
cobalt	cobalto
cochlea	cochléya
coefficient	coéfficienwo
coefficient of friction	josilo coéfficienwo
coefficient of linear expansion	linéyéro coéfficienwo janjanlo
coefficient of volume expansion	janjanlo volumo coéfficienwo
cohesive	cohésivo
cohesive force	cohésivo simbo
coil	coilo
coincidence	A bintama
collect	kha kamari
collection	kamaro
collide	collido
collision	collisiyon
column	columno
combination	combinasiyon
combustion	combussiyon
commercial	firilo
commutator	commutatoro
compare	khi bognokhonto
comparison	bognokhonto
compartment	compartenwo
compass	compasso
complementary	complémentéro
complementary colours	complémentéro culoro
complementary pigment	complémentéro pigmenwo
complex	compléxo
component	composo
compress	compréso
compression	compréssiyn
Compton effect	Compton kélo
concave	concavo
concave lens	Concavo lenso
concave mirror	Concavo dungaré
concept	concépto
concrete	jalinwo
concurrent forces	Concuranwo simbolu
condensation	condensasiyon
condense	condenso
conduct	conducto

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
conduction	conducsiyon
conductivity	conduktivité
conductor	conductoro
cone	cono
confine	khala dan
congruent	congruenwo
consciousness	Ké khakilo soto
consequence	conséquenso
conservation	maralo
conservation law	maralo silo
consider	considéro
consist	consisté
consonance	consonanso
constant	aman bo anoto
constructive	constructivo
constructive interference	constructivo interférenso
contact	contacto
contain	min ba khono
contract	kha muta
contraction	mutalo
contrast	contréro
control	controlo
control rod	control kalo
convalescence	A kéndáyata
convection	convecsiyon
convenient	convénienwo
converging lens	lenso converjo
conversion	conversiyon
convert	converto
convex	convexo
convex lens	lenso convexo
convex mirror	convexo dungaro
copper	coppéro
cord	julo
cornerstone	cornerstono
corresponding	corespondo
cosine	cosino
coulomb	culombo
Coulomb's Law	Culombo la silo
crack	cracko
craft	crafto
crate	crato
crest	cresto
critical	critiko
critical angle	critiko anglo
crowded	jama khé siya
crown glass	curono glasso

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
crystal	kuro
crystal lattice	Kuro lattissi
crystalline	kuroma
cube	cubo
cubic	cubiko
cubic meter	cubiko métro
curious	gnato golinwo
curvature	curvaturu
curve	curvo
cyan	siyano
cycle	ciclo
cymbal	cimbalo
cylinder	cilindro
D	
damage	tignaro
dart	fléssu
data	mara dula
de Broglie Principle	De Broglie Principalo
decay	A tolita
deceleration	khé dobo tériya la
deci	déci
decibel	décibélu
decimeter	décimétru
deck	décko
decrease	jankaro
define	A khoto
definite	définito
deformation	deformasiyon
degree	dégré
deka = deca	déka=déca
decameter	décamétru
deliver	kha dii
demonstration	yitalo
density	densité
depend	dépendu
dependent variable	variablo dépendanwo
derive	Abota minna
derived unit	abota minna unité
descend	Khé jigui
descent	déscenwo
design	khé kéta mukhama
destructive	destrutivo
destructive interference	destrutive interférenso
detection	détecsiyon
detector	déteктору
determine	détermino

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
deviate	Kha jé
device	deviso
dewdrop	Konkonwo bakan
dew point	Konkon poinwo
diameter	diaméto
diamond	jama
diaphragm	diagramo
differ	différo
difference in electric potential	différenso mumbé kuranwo fanama la
diffract	diffracto
diffraction	diffraçsiyon
diffraction grating	Diffraçsiyon grato
diffuse	jinjin
diffuse reflection	Jijinlo réflexsiyon
digit	digito
dimension	dimensiyon
dimmer	dimméro
dip	dipo
direction	direçsiyon
directly	directma
discover	jélo
disintegrate	disintégtrato
disorder	disordo
disperse	jinsin
dispersion	jinsino
displace	abotajé
displacement	ala botajé
disprove	disprovo
disregard	kana bugna
dissipate	dissipato
dissonance	dissonanso
distance	distanso
distant	akhé jan
distort	distorto
distortion	distorsiyon
distribute	kha tala
disturb	kha gnakhamin
disturbance	gnakhamo
dive	khi fili jiwo khono
diver	minsi fili jiwo khono
diverge	inté kiling
diverging lens	Lenso nté killing ti
divide	tala
divider	talala
division	talalo
dock	docko
dockhand	dockbulo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
dog	wulu
domain	doméno
Doppler	Dopplo
Doppler effect	Dopplo kélo
Doppler shift	Doppler falino
double	fula
double slit diffraction	Slito fula diffracsiyon
drag	grago
draw	déssiné
drop	boyta
droplet	dropléto
drum	dunduwoo
ductility	ductilité
dust	banko
dynamics	dinamiko
E	
ear	tulo
eardrum	Tulo dundo
echo	écho
eclipse	Karo nuguta
eclipse of the sun	Tilo nuguta
ecological	écologiko
ecology	écologiwo
economical	économiko
effect	kélo
effective	effectivo
effective resistance	Éffectivo goléya
effectively	éffectivoma
efficiency	A khagni
effort	éfforo
Einstein	Einstein
elastic	élastiko
elastic collision	élastiko collisiyon
elasticity	élastikma
electric	électriko
electric current	électriko fanwo
electric field	électriko kéna
electric field intensity	électriko kéna intensité
electric field line	électriko kéna ligno
electric force	électriko simbo
electric generator	électriko génératoro
electric potential	électriko nafama
electrode	électrodo
electromagnet	électromagnéto
electromagnetic	électromagnétiko
electromagnetic force	électromagnétiko simbo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
electromagnetic induction	électromagnétiko inducsiyon
electromagnetic wave	électromagnétiko jiwo
electromagnetism	électromagnétismo
electromotive (EMF)	électromagnétivo (EMF)
electron	électrono
electron cloud	électrono sanwo
electroscope	électroscopo
elevator	élévatoro
eliminate	kha bojé
ellipse	Karo nugu
elongation	élongasiyon
embed	Khala dun
emerge	Khé bo banta
emergency	émergenso
emission spectrum	émissiyon spectrumo
emit	émito
empirical	Fin mélinwo
enable	Assi sin
enclose	kha datakhon
encounter	Kha bin
energetic	énergétiko
energetic state	énergétiko téгна
energy	kuranwo
energy crisis	Kuranwo criso
energy level	Kuranwo nivo
engineer	ingégnéro
enormous	warmaba
enrichment	Khé nafulo soto
enter	Khé dun
entropy	entropo
equation	équasiyon
equator	équatoro
equilibrant	équilibranwo
equilibrant force	équilibranwo simbo
equilibrium	équilibriumo
equilibrium position	équilibriumo logna
equipment	miranwo
equivalent	A gnokhon
erect	Khé wuli
essence	essenso
essentially	Nafo bé minna
ether	éthéro
evaporate	Jata tilola
evaporation	Khé jatilola
evenly	Tuma wo tuma
evenness	Killing ti
eventually	sagni

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
evidence	évidenso
except	excepto
exception	excepsiyon
excited state	état excitélinwo
exert	éxerto
exhaust	sonta
exhibit	kha yita
exist	abé kéring
expand	janjan
expansion	janjanlo
expect	khono
expel	expélo
experiment	expérimenwo
explore	exploro
exponent	exponenwo
exponential	exponentialo
exponential notation	2xponential natasiyon
exposure	Khala bo banta
express	Kha foo
extend	Kha saba
external	mimbé banta
external force	mimbé banta simbo
extrapolation	extrapolasiyon
extreme	A danwo
extremely	danwola
F	
faint	khitilo
Farad	Farado
farsightedness	dula janfaring
feat	Kha kéé
fiber	fibro
fiber optics	optiko fibro
fiction	ficsiyon
field	kéna
filament	filamenwo
final velocity	vélocité baniwo
finger	bulo kononiwo
first law of motion	turné silo folo
first neutron	neutrono folo
first-order-line	folo-yamaro-ligno
fission	fissiyon
fixed	mimbé tulin dulakiling
flame	taa
flare	taa késo
flatten	kha finssé
flick	flicko

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
flint glass	Flinto glasso
float	abé jiwo santo
fluid	jiwo
fluorescent lamp	Fluorescenwo lampo
flute	filéfolanwo
flux	fluxo
focal	focalo
focal length	Focalo janjaya
focal point	Focalo poinwo
focus	focuso
fog	pusiyéro
force	simbo
force of friction	Josilo simbo
fork	fruchéto
form	formo
fraction	fracsiyon
frame	framo
frame of reference	Référenso framo
framework	Framo dookuwo
freedom	Fan soto
free-fall	Bula-boyo
freezing point	Formélo poinwo
Freon	Fréono
frequency	fréquenso
frequently	fréquenma
friction	josilo
frictional	Josili gna
frictionless	Kha josil
frozen	Ké formé
fundamental	Nafo balo
fur	furo
furthermore	Aani fana
fuse	fuso
G	
gain	goddo
galaxy	Sangulo finwolu
galvanometer	galvanométro
galvanic	galvaniko
galvanic cell	galvaniko célula
Gamma ray	Gamma rayon
gap	gapo
gas	gasso
gas law	gasso silo
gaseous	gasso bala
gasoline	gaasolino
gauge	gojo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
Geiger-Muller tube	Geiger-Muller tubo
general theory of relativity	relative theory générale
generate	kha généré
germanium	germaniumo
giga	giga
give	Kha dii
glance	Khi gna lo ato
glass	glasso
glider	glido
gluon	gluono
gold	sano
govern	Kha gouverné
gradual	dondin
gradually	Dondin dondi
grain	késo
grains	késsolu
gram	gramo
graph	grapho
graphical	graphicalo
grating	grato
gravitation	gravitasiyon
gravitational field	gravitationalo kéna
gravitational force	gravitationalo simbo
gravitation mass	gravitational fango
gravitation potential energy	gravitational kuranwo nafama
graviton	gravitono
gravity	gravité
green	fitabuluma
ground state	dugukulu koto kégna
grounding	jukhoto la
gyroscope	girascopo
H	
Half-life	Ballu-téma
halt	halto
hammer	marto
handle	muta gna
harmonic	harmoniko
harmonious	harmonikoma
haul	Khé wuri
headlamp	Kunwo lampo
heat	gandiya
heat effect	gandiya kélo
heat engine	gandiya motoro
heat of fusion	gandiya janjalo
heat of vaporization	gandiya takha ta tilo la
heat pump	gandiya pumpo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
specific heat	gandiya siya do
heavy	guliya
hecto	hecto
hectometer	hectométró
height	loo
Heisenberg uncertainty principle	Heisenbergo principalo té koylin
helicopter	héliscotéro
Helium	Héliumo
hence	henso
Hertz	Hertzo
high temperature source	temperature surso baa
hiker	takhama la
hilly	hillo
hockey	hocké
hollow	Ache jan kujakhu
Hooke's law	Hooke la silo
horizontally	orizontalma
horn	fulé
huge	Akha bun
hull	hullo
hydraulic	hidrauliko
hydraulic system	Hidrauliko sistémo
hydrogen	hidrogéno
hydrodynamics	hidrodinamiko
hydrostatics	hidrostatiko
I	
ideal	mun khé fissa
ideal gas	Gasso min khé fissa
ideal gas law	Gasso min khé fissa silo
ideal mechanical advantage (IMA)	mécánico avantajo min khé fissa (IMA)
ignite	Kha lamuta
ignition	lamutalo
illuminance	illuminanso
illuminate	illuminato
illuminated body	Illuminato ballo
illumination	illuminasiyon
illusion	fililo
image	imajo
imagine	I miri
immerse	immerse
immersion	immersiyon
immersion heater	Immersiyon kandililanwo
impart	imparto
implication	impliciyon
impossible	Ante kééla no
impulse	impulso

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
incandescent	incandésceño
incandescent lamp	Incandescent lampo
incident	incideenwo
Incident pulse	Incidenwo pulsso
Incident wave	Incidenwo jiwo
incision	incissiyon
inclined	jinkéring
Inclined plane	Plano jinkérin
incompressible	incompréssiblo
increase	do kaffutama
independent variable	Indépendanwo variablo
independence	indépendanso
Index of refraction	Indéxo réfracsiyon
indicate	Kha yita
indication	yitalo
individual	mokho kiling
induction	inducsiyon
inductive reactance	Inductive réactanso
inelastic	Elastik nté
inelastic collision	Collisiyon elastic nté
inertia	inerti
inertial mass	Inertial fango
inexpensive	A daa khanokho
inflate	inflato
influence	influenso
initial	initialo
initial momentum	initial momentumo
initial velocity	initial vélocité
inner ear	tulo kono
input	khala dun
insect	tumbo
insert	ala dun
instant	sagni sagni
instantaneous	sagni
instantaneous speed	sagni tariya
instantaneous velocity	sagni vélocité
instantaneously	sagni nokhonna
instead	jani
instrument	miranwolu
insulate	kha bula a dama
insulator	minsa bula a dama
intake	talo
integer	intégro
integrate	intégrato
integrated circuit	intégrato fil julo
intensity	intensité
interaction	interacsiyon

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
intercept	intercépto
interfere	interféro
interference	interférenso
intermediate	intermédiato
internal	konola
internal energy	Konola karanwo
internal force	Konola simbo
interparticle	interparticlo
interpretation	interprétasiyon
interrupt (to)	Khala ban (jan)
interstellar	interstélléro
interval	intervalo
interlock	interlocko
invent	Kha inventé
inverse	inverso
inverse variation	Inverso variablo
inversely	inversemenwo
invert	inverto
investigate	gnininlo
inward	gnantola
ion	iono
iridium	iridiumo
iron	négo
irrigate	Jii tambi dula
isolate	Kha bula afama
isolated system	Bula fama sistémo
isotope	isotopo
J	
jet plane	Jéto plano
jeweler	numo
joule	julo
Jupiter	jipitéro
K	
Kelvin	kélvín
Kelvin scale	Kélvín scalo
kidney	kidni
kilo	kilo
kilogram	kilogramo
kilometer	kilométró
kilopascal	kilopascalo
kilowatt	kilowatto
kilowatt hour	Kilowatt léro
kinematics	kinématiko
kinetic energy	Kinétiko kuranwo
kinetic molecular theory	Kinétiko moléculéro théoriwo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
kinetic theory	Kinétiko théoriwo
knapsack	knapsacko
knob	butonwo
krypton	kriptono
L	
laboratory	laboratoiro
lack	amankéta
laser	laséro
lattice	lattiso
launch	Kha lansé
law	siló
law of action and reaction	Acsiyon ani réacsiyon silo
law of conservation of momentum	Momentum maralo silo
lawn	gazonwo
lawn mower	Gazonwo kunturanwo
lead	gnamokho
leak	Khé tondi
ledge	simboto
left-hand rule	Bulu-mara réglo
legend	légendo
length	janjaya
lengthen	akhé jan
lens	lenso
Lenz's Law	Lenz la silo
lepton	léptono
level	nivo
lever	léviyé
Leyden Jar	Leyden jaro
liberate	Kha libéré
librarian	Mokho minsi livrolu mara
lift	Minsi yélé santo
light	lampo
light wave	Signali lampo
likewise	Abé kiling
line	ligno
linear	linéyéro
linear accelerator	Mins linéyéro la tariya
linear equation	Linéyéro équasiyon
liner	linéro
lip	Daa gulo
liquefy	Ka ké jiwo ti
liquid	jiilama
liter	litéro
literally	litéralma
location	locasiyon
lodestone	lodestono

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
longitudinal	longittudinalo
longitudinal wave	Longitudinal jiwo
loudness	santo
loudspeaker	Santo kumala
low	silo
low temperature sink	Temperature féyalin jiguita
lubricant	tulo
lumen	lumeno
luminous	Assi manamana
luminous flux	Manamano fluxo
luminous intensity	Manamana intensité
lunar	lunéro
lunar module	Lunéro modulo
lung	duosso
M	
magenta	magénto
magnet	magnéto
magnetic	magnétiko
magnetic field	magnétiko kéna
magnetic field line	magnétiko kéna ligno
magnetic flux	magnétiko fluxo
magnetic induction	magnétiko indicsiyon
magnetism	magnétismo
magnification	gnignalo
magnify	Khala gnigna
magnifying glass	Khé glasso la gnigna
magnitude	magnitudo
maintain	Kha muta
malleability	Assi muta gnaminna
manner	magnéro
manufacture	manufacturo
mass	fango
mass defect	Fango doyata
mass number	Fnago niméro
mass spectrograph	Spectrographo fango
massive	massivo
mathematical science	Mathématiko scienso
mathematically	Mathématikma
mathematician	mathématisin
matter	kuwolu
matter wave	Kuwolu jiwo
maximum	A danwo la
mean	moyin
measurable	Assi mésuré no
measurement	mésurmanwo
mechanical advantage	Mécaniko avantajo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
mechanical energy	mécaniko
mechanical force	Mécaniko simbo
mechanical wave	Mécaniko jiwo
medical	boro
medium	médiumo
mega	méga
megahertz	Maga hertzo
megawatt	mégawatto
melt	yélin
melting point	Poinwo minsi yélin
membrane	membrano
mercury	mercuro
mercury barometer	Mercuro barométro
meson	méson
metabolism	métabolismo
metal runner	Négo la borila
meteorology	météorologiwo
meteoroid	météoroyido
methanol	méthanol
method	kégna
meticulously	Kha kéé ku
metric system	Métrik sistémo
micro	micoro
microfarad	micorofarado
microphone	microphono
microprocessor	micoroprocésoro
microscope	microscopo
microscopic	Micoscopiko
microwave	micorojiwo
middle ear	Tulo téma
Milky Way Galaxy	Milky Silo Galaxi
milli	mili
milliampere	milliampéro
millibar	millibaro
milligram	miligramo
milliliter	millilitro
millimeter	millimétro
mirage	mirajo
mirror	dungaré
mix	gnakhamo
mixed	gnakhamilin
mixture	Min gnakhamita
moderate	Kha kagnandin
moderator	Minsa kagnandin
modification	yélémal
modify	Kha yéléma
module	mudulo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
mole	molo
molecule	moleculo
momenta	momenta
momentum	momentumo
motion	khila makha
mouthpiece	daa piyéso
mower	kunturanwo
mud	bokho
multiple	siyaman
multiplication	multiplicasiyon
multiply	kha multipliyé
muon=meson	muon=méson
mutual	mutuyélo
mutually	mutuyélma
muzzle	békanwo daa
N	
Nano	Nanowo
nanometer	nanométo
nanosecond	nanofulanjan
naphtha	naphtho
nasal	nuwo
natural	Fan fan
nature of the surface	Santola fanfan
nearsightedness	Dula sutun
negative	négativo
negative charge	Charje négativo
neon	néon
net force	Néto simbo
neutral	neutralo
neutrino	neutrino
neutron	neutrono
newton	newtono
Newton	Newtono
Newton's First Law of Motion	Newton la Mosiyon folo Silo
Newton's Second Law of Motion	Newton la Mosiyon fulajanwo Silo
Newton's Third Law of Motion	Newton la Mosiyon sabajanwo Silo
nickel	nickélo
nitrogen	nitrogéno
nodal	nodalo
nodal line	Nodalo ligno
node	nodo
non perpendicular component	Componenwo té perpendiculérlin
non perpendicular component of vector	Vector componenwo té perpendiculerlin
normal force	Simbo normalo
north pole	Noro polo
North Pole	Noro polo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
Northern Hemisphere	Noro mafanwo hémisphéro
northern light	Noro mafanwo lampo
notation	notasiyon
note	noto
nuclear	nucléro
nuclear bombardment	Nucléro bombardemenwo
nuclear model	Nucléro modélo
nuclear potential energy	Nucléro kuranwo nafama
nuclear reaction	Nucléro réacsiyon
nuclei	ncléyi
nucleon	nucléono
nucleus	nucléuso
nuclide	nuclido
numerically	nimérikma
O	
obey	a bugna
oboe	aboyé
observable	assi jibé no
observation	jibélo
observatory	jibéli dula
observe	a jibé
obstacle	obstaculo
obtain	kha soto
occupy	mutalin
occur	a kéta
octagon	octagono
octagonal	octogonalo
octave	octavo
Ohm	Ohm
Ohm's Law	Ohm la Silo
opaque	opaquo
operation	opérasiyon
oppose	opposo
optical	optikalo
optical density	Optikalo densité
optics	opiko
orbit	orbito
organ	organo
orientation	orientasiyon
origin	Abo dula
oscillate	oscillé
oscillation	oscilasiyon
oscilloscope	oscilloscopo
outer ear	Banta tulo
outlet	bodula
output	Dun dula

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
outward	banta
oval	avalo
overall	abée
overload	Afata
overlook	Kha mafélé
overtones	Aman méé
oxygen	oxigéno
P	
painstakingly	firakélo
palm	palmo
parabola	parabolo
parabolic	parboliko
parachute	parasuto
paraffin	paraffino
parallax	parallaxo
parallel	parallélo
parallel connection	Parallélo conneciyon
parallel force	Parallélo simbo
particle	particlo
particle accelerator	particlo
Pascal	Pascalo
Pascal's Principle	Pascalo la principio
patch	Kha collé
path	silo
pavement	mbédo kan
peculiar	particuliyé
peculiarity	particularité
pendulum	pendulumo
performer	performo
perimeter	périméto
period	tumo
periodic	Tuma wo tuma
permanently	abadan
perpendicular	perpendiculéro
perpendicular force	Perpendiculéro simbo
perpendicularly	perpendiculérma
perspective	Mimbé nala
perspiration	perspirasiyon
phase	phaso
phenomena	phénoméno
phenomenon	phénoméno
philosopher	philosophéro
phosphor	phosphoro
phosphorescence	phosphorescenso
photoelectric effect	Photoélectriko kélo
photoflash	photoflacho

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
photography	photographiwo
photo resistor	Photo résitoro
photovoltaic	photovoltayiko
photovoltaic cell	Photovoltayiko célula
physical	phisiko
physical phenomena	Phisiko phénoméno
physicist	phisisinwo
physics	phisiko
Pico	Pico
Pico farad	Pico farado
pier	Piéro
piezoelectricity	piezoélectrisité
pig	léfalo
pigment	pigmenwo
pile	pilo
pinna	pinna
pipe	pipo
pistol	pistolo
piston	pistonwo
pitch	fimanwo
pith	Akhono la
pith ball	Baalo khonola
plane mirror	Dungaree plano
planet	planéto
plasma	plasmo
plastic	plastiko
platinum	platinumo
plot	ploto
plunge	plonjo
polarity	polarité
polarized	polarisélinwo
plane polarized	Plano polarisélinwo
polarization	polarisasiyon
polarizer	Kha polarisé
pole	polo
pollution	tignaro
pound	goddo
portion	dondin
position	posisiyon
positive	positivo
positive charge	Charjo positivo
positron	posiyon
possess	soto
postulate	postulé
pot	poto
potential	nafama
potential energy	Kuranwo nafama

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
potentiometer	potentionmétró
pour	Kha bong
power	fango
practical	praticalo
precise	A franfansi
precisely	franfranso
precision	franfansilo
predict	prédicto
predominate	Mun khé siya
prefix	préfixo
preliminary	préliminéro
pressure	préssiyon
presumably	Miro la
prevent	Khi kanta ama
previous	Min tambita
previously	tambilinwo
primary	priméro
primary coil	Priméro coilo
primary color	Priméro culoro
primary pigment	Priméro pigmenwo
principle	principlo
principal axis	Principal axo
principal focus	Principal focuso
principal focal point	Poinwo focalo principalo
principle of superposition	Superposisiyon principo
prism	prismo
probability	probabilité
probe	probo
procedure	tégna
process	Takha gna
productivity	productivité
programmable	Assi programé no
prohibit	balilo
project	projecto
projectile	projectilo
projectile motion	Projectile mosiyon
propel	propélo
property	tigo
proportional	proportionalo
proportionality	proportionalité
proportionality constant	Proportionalité minsi tudula kiling
propose	proposélo
proton	protono
protractor	protractoro
prove	Kha pruvé
proximity	Aman jan
puck	picko

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
puddle	puddlo
pull-tab	Pullo-tapo
pulley	pulli
pulsar	pulsaro
pulse	pulso
pump	pumpo
push	gnori
putty	putti
Pythagorean	Pythogoriyin
Pythagorean theorem	Pythagor la théoriwo
Q	
quadrangular	quadranguléro
quality	qualité
quantity	quantité
quantize	kha quantifiyé
quantum mechanics	quantum mécaniko
quantum number	quantum niméro
quantum theory	quantum théori
quark	quarko
quark model nucleon	quarko modélo nucléono
quotient	quotienwo
R	
raceway, racetrack	kursusilo, kursumobilo
racquet	racquéto
radial	radialo
radially	radiali
radiation	radiasiyon
radiator	radiatoro
radio	radio
radio wave	rajo ondo
radioactive	radioactivo
radioactive decay	radioactive tolita
radioactive material	radioactive matériyélo
rainbow	sanjii mutaranwo
raise	khé wuli
ramp	rampo
random	khala sutunya
range	ranjo
rank	ranko
ray	rayon
ray optics	Optic rayon
razor	razoiro
reaction	réacsiyon
readily	aparéta
real	réyélo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
real image	imajo fanwo
realistic	togna bala
rebound	khé tii koté
reciprocal	réciprocalo
recombine	khi kaffu gnokhonma koté
recognize	kha malong
rectangular	rectanglo
red	wulémanwo
redefine	ké khoto diyala koté
reed	yiri juwo
reestablish	kha saguin agnama
refer	référo
reference	référenso
reference point	référenso poinwo
reflect	réfecto
reflection	réflecsiyon
refraction	réfracsiyon
refrigerator	réfrigéro
regard	bugna
region	régiyon
register	enrégistré
regular reflection	réflecsiyon régulo
regulate	kha régulé
reinforce	khé simbo diyala
reinforcement	simbo diyala
relate	khala kali
relationship	tériya
relatively	relativemenwo
relativity	relativité
release	kha bula
remain	khé tujé
remainder	khakilila jigo
remove	kha bojé
renew	khala kutaya
repeat	khé saguiya kan
repel	khi ban ato
repetitious	minsi sagui akan
replace	kha do bula anoto
represent	représenwo
repulsion	répulsiyon
repulsive	repulsivo
research	gnininlo
resist	khigoléya
resistance	résistanso
resistor	résistoro
resolve	résolvo
resolving power of lens	lenso fango résolvolinwo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
resonance	résonanso
respective	respectivo
response	jabilo
restatement	kuma kanwo koté
restoring force	khé fango sagui
resultant	min botala
retain	kha muta
retina	rétina
reveal	kha foo banta
reverse	reverso
revolve	résolvo
rheostat	rhéostato
ribbon	ribbono
ridge	ridjo
right angle	anglo ridjo
rigid	jaling
ripple	ripplo
ripple tank	ripple tanko
rise	wuli
rivet	rivéto
robot	robo
robotics	robotiko
rocket	rockéto
rocking	télo
roll	rulo
rope	julo
rubber ball	ballon manama
rush	borilo
S	
sac	saco
sack	sacko
sag	sago
sailor	jiila kulong borila
sap	sapo
satellite	satéllito
saxophone	saxophono
scaffold	scaffoldo
scalar	scaléro
scalar quantity	scaléro quantité
scale	scalo
schematic	sémantiko
scientific	scientifiko
scientific method	scientifiko kéгна
scientific notation	scientifiko notasiyon
scintillation	mana mano
scissors	sisolu

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
screen	écranwo
screw	visso
screwdriver	turnavisso
scuba	scubo
sea level	jiwo nivo
seal	sudé
second	fulajan
secondary	fulajanwo
secondary coil	fulajanwo coil
secondary color	fulajanwo culoro
secondary pigment	pigmenwo fulajanwo
second left-hand rule	bulu- maro fula réglo
second-order line	yaro-fula ligno
selenium	séléniumo
self-inductance	assi-inducsiyon ké afama
semiconductor	sémiconductoro
sensation	sensasiyon
sense	senso
sensitive	sensitivo
separate	a talata
separated	talalinwo
series	sériyélu
series connection	sériyolu connecsiyon
series-parallel circuit	parallélo-sériyolu fil julo
sewing	karanlo
sewing needle	karanli pingo
shadow	dibo
shape	sugo
share	talalo
ship builder	jiila kulung dadala
shirt	dondiko
short circuit	fil julo sutumanwo
shot-putter	khé binwo-kuntu
shovel	shovélo
shrink	kha tala téma
sidewalk	trotoiro
sideway	trotoirosilo
significant	nafa bala
significant digit	digito nafama
silicon	silicono
silk	soi
silver	goddima
simple harmonic motion	harmoniko mosiyon simplo
simple machine	masine simplo
simplify	kha simplifiyé
single-slit diffraction	singlo-flito diffracsiyon
sink	khé boy jiwo khono

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
sine	sino
sinus	sinuso
sinkable	assi boy no
siren	siréno
skating	patinwo
skydiver	parasuto
sled	slédo
sliding friction	josilo bé namayalin
slightly	a féyata
slit	slito
slope	slopo
smokestack	sisiwo
smooth	makhamanwo
snap	snapo
Snell’s Law	Shell la Silo
snowmobile	nuyajo mobilo
socket	sockéto
sodium	sodiumo
solar	soléro
solar cell	soléro célula
solid	solido
solid state	solido état
solidity	goléya
solution	solusiyon
sonar	sonaro
soot	sooto
soprano	soprano
sound wave	donkilo ondo
South Pole	Sudo polo
spacecraft	santo avion
spark	étinsélo
specific	spécifiko
specific heat	spésifiko gandiya
speck	specko
spectrometer	spectrométo
spectroscope	spectroscopo
spectrum	spectrumo
speed	tariyé
sphere	sphéro
spherical	sphérico
spherical aberration	sphérico tognanté
spider web	dudu karalan
spill	spillo
spin	spino
spiral	spiralo
split	a téta téma
spoiler	tignalila

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
spontaneously	akéta gnakiling na
spoon	domoli cuddo
spray	kha sari
spread	assi jinsin
spring	tilima
sprinkle	khé mana mana
square	squaro
standard atmospheric pressure	atmosphérikó préssiyon standaro
startling	assi panpaan
state	état
standing	abélorin
standing wave	ondo lorinwo
static friction	josilo bé lorin dula killing na
static electricity	sélectricité bé loring dula killing na
statics	lorin
stationary	lorinwo
steam	siso
stem	stémo
step-down transformer	jiguilo-yélémalila
step-up transformer	yélino yélémalila
stick	kalo
stiffness	yalin
still	koté
stimulate	ka stimulé
stimulated emission	émissiyon stimulinwo
stitch	stitcho
stone	kuru baa
store	mangasino
straight	tilininwo
straighten	khala tiling
strain	kha forsé
straw	binkalo
strength	fango
stretch	kha saba
strike	kha gossi
string	ka dun
strip	stripo
strobe	stropo
strobe light	strobe lampo
strobe photography	strobe photographo
strong nuclear force	nucléro golémanwo simbo
structure	structuro
subatomic	subatomiko
submarine	submarino
submerge	khé bula jiwo khono
substance	subtanso
substitute	min bulata a noto

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
subtraction	subtracsiyon
succession	Sigui noto
suddenly	dron
sufficiently	akagnanta
sulfide	sulfido
summarize	khala sutuya
superposition	kha lagnokho kan
supersonic	supersoniko
support	supporo
surface	santola
surface tension	tensiyon santo
surface wave	ondo santo
surgery	opéré dula
surplus	min kaffu tama
suspect	min mutata
suspend	suspenso
Swedish	suwédoi
sweep	fitalo
swing	khila makha
swing seat	lamakhalan sigui dula
swirl	fogno
symbol	simbolo
symmetrical	simmétriko
synchrocyclotron	sinchrosiclotrono
systematic	sistématiko
systematic method	sistématiko tégna
T	
table	tablo
tangent	tangenwo
tank	tanko
technique	téchniko
technologist	téchnologiwo
telescope	téléscopo
temperature	températuru
temperature scale	Températuru scalo
temporary	Ante méla
tend	tendo
tendency	tendenso
tensile	tensilo
tension	tesiyon
terminal velocity	Vélocité terminalo
terrestrial	Min bota dugukulo la
tesla	tésla
tetrachloride	tétrachlorido
The Law of Conservation of Energy	Kuranwo Maralo Silo
The Law of Conservation of Momentum	Momentumu Maralo Silo

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
The Law of Reflection	Réflécsiyon silo
The first law of Thermodynamics	Thermodinamiko silo folo
The second law of Thermodynamics	Thermodinamiko silo fulajan
theoretical physicist	Phisisito théoriko
theory	théori
theory of relativity	rélativité théoriwo
thermal	therminalo
thermal energy	kuranwo therminalo
thermal equilibrium	équilibrismo therminalo
thermal expansion	janjalo therminalo
thermodynamics	thermodinamiko
thermometer	thermométo
thermometry	thermométriwo
thermonuclear	thermonucléro
thermonuclear reaction	thermonucléro réacsiyon
thermostat	thermostato
thin	mésséman
thin film	filmu mésséman
thorium	thoriumo
thread	filo
threshold	suwo dunda
throat	kansokho
thumb	bulukoninwo
tide	bajiwo
tighten	khala jaa
tightly	jaa
tilt	tilto
timbre	timbro
time	wato
tiny	tino
tire	tiré
tissue	tissuwo
tolerate	ké hinna
toner	tonéro
tongue	ningwo
torr	torro
torsion	torsiyon
torsion balance	torsiyon balanso
total internal reflection	réfecsiyon interalo kaffo béé
tower	imoblo
tractor	tractoro
train	traino
trajectory	trajectoro
trampoline	trampolino
tranquilizer	tranquilisanwo
transducer	transduso
transfer	transféro

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
transformer	yélémalila
transistor	transistoro
translucent	translucenwo
transmission	transmissiyon
transmit	transmito
transmitted wave	transmitilinwo ondo
transmutation	transmutasiyon
transparent	transparenwo
transverse	transverso
transverse wave	tranverso ondo
trench	trencho
triangle	trianglo
trigger	triggo
trigonometry	trigonométri
trillion	trilliyon
trombone	trombono
trough	jan
trumpet	trumpéto
tuba	tubawo
tube	tubo
tune	tuno
tuning fork	fruchéto minilanwo
tungsten	tungsténo
tunnel	tunnélo
turbulent	turbulenwo
twice	fula
twirl	kha turné
twist	minin
U	
ultrasonography	ultrasonographo
ultrasound	ultradonkilo
unaffected	fin minkala
unavailability	ante kéring
unbalance	ante balasé khan
unbalance force	simbo minté balansé khan
uncertainty	ante surlin
unchanged	aman falin
undergo	min kétala
undiminished	finman bo ala
uniform	formo kiling
uniform acceleration	tariya formo kiling
uniform circular motion	circuléro mosiyon formo kiling
uniformly	formokilin nama
unit	unité
units of force	unite simbo
universe	dunabéé

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
unknown	aman long
unsteady	anta siguring dula kiling
upright	sagni
upward	santo
utensil	utensilo
V	
vacuum	vaccuumo
valid	a khagni
value	valoro
vapor	vaporo
vapor state	vaporo état
vaporization	vaporisasiyon
vaporize	kha vaporisé
variable	variablo
variation	variasiyon
variety	sifa siyaman
various	siyaman
vector	véctoro
vector quantity	vectoro quantité
vector resolution	vector résolusiyon
vector sum	vector somo
vein	fasso
velocity	vélocité
verification	vérificasiyon
vertex	vertéxo
vertically	verticalo
vibrate	vibrélo
vibrational motion	vibrationalo mosiyon
violate	violé
virtual	virtuyélo
virtual image	imajo virtuyélo
viscous	namayalin
viscous liquid	jii namayalin
visible	assi jéno
visualize	a jibé
vocal	vocalo
vocal cord	cordu vocalo
volatile	volatilo
volatile liquid	jii volatilo
volt	volto
voltaic	voltayiko
voltaic cell	voltayiko célula
voltage	voltajo
voltage divider	voltajo talala
voltage drop	voltajo dropo
voltmeter	volmétró

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	MANDINKA
volume	volumo
vowel	sarbéto
W	
water pollution	jiwo tignaro
wave speed	ondo tariya
weak force	simbo féyata
X Y Z	
X-rays	X-rayon
X-value	X-valoro
Xerox	Xérox
Y-value	Y-valoro
yellow	nétémunguma
zinc	zingo