

Glossary

Elementary School Level

Science Glossary

English / Fulani



Translation of Science Terms
Based on the Coursework for
Science Grades 3 to 5.

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





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SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	FULANI
A	
absorb	yara
acceleration	yadaaki
acid rain	yiyeende tooke
adapt	tokka
adaptation	tokkuki
adjust	wo'ina
air	henndu
air pressure	semmbe henndu
air resistance	faddo henndu
alto	daande dow
amount	duudal
amphibian	ndiyamjum
analyze	laabina
anemometer	anemometal
animal	dabba
apply	wuja
around	haada
arrange	siryoo
artery	dadol
arthropod	kuungel
asteroid	hoodere
atmosphere	mbayyu
atom	gabbel
axis	dadol
B	
balance	fottida
balanced forces	semmbe pottudufe
bar graph	diidal cabbi
barometer	poondirfal mbayyu
battery	baature
behavior	ngikku
beneficial	nafuye
best	huri fuu
bird	sonndu
blink	mayya
block	tabboo
blood tissue	teewu ngu yiyam
blood vessel	radowol
body heat	foo'o banndu
bone	yiyal

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	FULANI
bone tissue	teewu yiyal
brain	ngaandi
breathe	foofa
bronchi	bumsude
buoyant force	semmbbe semmbidde
C	
calculator	limirgal
camera	pilmiri
camouflage	nannditino
capillary	daton
carnivore	teewuri
caterpillar	kaatoota
cause-and-effect	sababu e jokkotoo
cell	he''ere
cell membrane	suddaare he'ere
cell wall	banndu he'ere
Celsius (C°)	salsiyo (C°)
centimeter (cm)	sentimiitaare (cm)
central nervous system	jahargal caka memde
change	wayla
change of direction	wayla buttuli
change of motion	wayla yaadu
change of speed	wayla doggol
characteristic	ngikku
chemical	tooke
chemical change	wayla tooke
chemical property	nanndalla tooke
chemical weathering	hulsaaki tooke
chlorophyll	haakoore
chloroplast	banndu haako
choose	subta
cinder cone volcano	norngal ngulu leydi
circuit	filannde
circulatory system	filannde yiyam
cirro-	duule
cirrus cloud	duule cammam
classification	sennduki
classify	sennda
claws	kolce
climate	mbayyu
cloud	ruuldere
collect	ada

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	FULANI
color	noonde
column	loowre
comet	ɗaccuki
common	buutii
community	ummaatoore
compare	nanndindira
compass	tinndinirgal
competition	arootiro
composite volcano	ngulu leydi hallungo
compost pile	dugubaare taakiiri
compound	ɗuudɓe
compound microscope	beydooha mawnga
computer	ordinaatoor
conclusion	mabboode
condensation	ɓolwuki
condition	sababu
conduction	ɗatuki
conductivity	ɗataaku
conductors	ɗate
conservation	moobuki
consumer	mooboowo
contain	woodi
container	woodunde
content	saawdu
convection	jahirgol
crest	yiwre
crust	laral
crystal	elkitoo
cubic centimeter	kubbu sentimiitaare
cycle	tarde
cytoplasm	ñaamri
D	
dam	weendu
data	kebal
data table	alluhal kebal
decomposer	ñolnoowu
decrease	ɓusta
define	firta
definite	laabina
density	teddeenga
deposition	ndesaari
derived	hebira

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	FULANI
describe	tinndina
design	wanngina
development	ɓamtuki
diagram	suura
die	waata
difference	peerootiral
digestive system	ɗatal ñaamndu
direction	buttuli
directly	nanndi
discuss	yewta
disperse	saakoo
distance	wodɗuki
distribute	sennda
draw	diida
E	
earth	lesdi
earthquake	dimmbaano
earthworm	mbalku
eat	ñaamde
echo	holño
ecosystem	ngeendam
effect	fe'aano
efficient	jam
egg	ɓoccoonde
electric	lantarkiye
electric current	yaadu lantarkiye
electrical energy	semmbe lantarkiye
electromagnet	poodol lantarkiye
electromagnetism	fooduki lantarkiye
electron	lantarkihon
elements	kuukon
elevation	ɓamtuki
eliminate	wirga
emit	surta
energy	semmbe
energy resources	ɗata semmbe
environment	wonannde
equal	woni
erosion	korsol
error	boofol
eruption	futtuki
esophagus	modorgol

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	FULANI
establish	tigga
estimate	heta
estimation	hetuki
evaluate	raarta
evaporate	wawnya
evaporation	wawñuki
evidence	seyda
example	yeru
exercise	eto
exoskeleton	yiye eto
experiment	poondol
explain	fammina
external	yaasi
eyes	gite
F	
fact	haala
factor	daliila
Fahrenheit (°F)	Faranhayit (°F)
fault	aybe
feather	biyeeli
feature	banndu
features	balli
fins	gaasa
fish	linngu
fixed pulley	yirgorgel
float	weeya
flood	tuutol
flowers	pinndi
food chain	laawol ñaamdu
food web	dudal ñaamdu
force	semmbe
form	nanndi
former	ndenno
formula	datal
fossil	gasarle
fossil fuel	nebbam
frequency	duudal
friction	goggol
fruit	benndalloore
fulcrum	fiɗo
function	bote
fur	leebi

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	FULANI
G	
galaxy	koode
gas	gaas
generation	hefuki
generator	kebirdi
germinate	fuda
germination	fuduki
glacier	tafaare (malamalleere)
graduated cylinder	silinndal
gram (g)	giramre (g)
graph	diidol
graphic	diidaadum
gravity	teddeenga
greatest	buri fuu
green plant	aawdi kaakoori
ground	leydi
groundwater	ndiyam bulam
grow	mawna
growth	manngu
H	
habitat	joodorde
hail	malamalleere
hair	gaasa
hand lens	daarorde junngo
hardness	sattuki
harmful	halla
health	njamu
healthy habit	bowuka njama
hearth	kaatahe
hearth muscle	sembe kaatane
heat	gulol
heat energy	sembe gulol
herbivore	durooje
hibernation	su'aaki
host	beero
human	tagaado
humidity	asawre
hurricane	duluuru
hygrometer	poondirgal asawre
Hypothesis	darorde

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

I	
identify	hefta
identical	nannda
igneous rock	hayre
illuminate	jayna
illustrate	holla
inclined plane	sura guuriika
increase	besda
Independent variable	ndimum
indicate	holla
inference	haandira
information	habaru
inherit	rona
inherited adaption	ronuki jaba
inherited trait	mbaale donaade
inquiry	yama
insect	hoowowre
insulator	tabborgol
interact	wonnda
internal	nder
interpret	firta
interval	hakkunde
invertebrate	walaa noorol baawo
investigate	lincita
J	
jaw	dakkudi
jellyfish	linngu
joint	jokkere
journal	mujallawol
K	
kilogram (kg)	kilogiramre (kg)
kiloliter (kl)	kililiitaare (kl)
kilometer (km)	kilomiitaare (km)
kinetic energy	sembe yahuki
kingdom	laamu
kitten	bikkon muusuuru
knowledge	anddal
L	
label	kollol
land	leydi
landslide	ngooba
large intestine	tetekki mawdfi

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

larva	binnga
latitude	yaajeende
lava	ngoobaye
leaf	kaakowol
learned	anndudo
learned adaptation	anndira jabeeki
least	famduki
leaves	kaakooji
leg	koyngal
length	juutal
levee	fonngo
lever	jogorde
life cycle	ngeendam
life span	duubi ngeendam
light	lewlewal
lighting	hubba
line graph	diidol diggol
lines of force	diidi semmbe
liquid	ndiyam
list	limtal
liter (L)	liitaar (L)
live	wuurde
living	wuuri
living thing	huunde wuurnde
location	hodorde
lunar eclipse	mojaaki lewru
lungs	bumsude
luster	fawna
M	
magma	hayre
magnet	njamndi
magnetic field	ñaayri njamndi
magnetic force	semmbe njamndi
magnetism	nannguki
magnifier	besdoori
maintain	jogoo
major	semmbidi
mammal	tagdi
mass	teddudum
mates	walde'en
matter	huunde
measure	foonda
mechanical	makaanikaaku
mechanical energy	semmbe makaanikaaku

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

metamorphic rock	hayre hawtunde
metamorphosis	rudditoo
meter (m)	miitaare (m)
meter stick	sawru miitaare
method	dabare
metric ruler	poondirgal miitaare
microscope	kolñirgal
migration	eggol
milligram (mg)	miligiramre (mg)
millimeter (mm)	milimiitaare (mm)
mineral	wasarde
mitochondria	mbo''inoohon nyaamndu
mixture	ñiiba
models	suuraaji
moisture	coofol
molecule	tobbere
mollusk	tagdi ndiyam
motion	ya'du
motor	moota
mouth	hunnduko
movable pulley	dimamboowal
muscle tissue	teewu radowol
muscular system	jahargal radowol
N	
nail	segene
natural events	kuuje tagaade
negative	jabaayi
nervous system	jahargal meemo
neuron	ngaandi e noorol baawo
niche	lowol
nimbus	ruuldere
nonliving thing	walaa yonkijum
nonrenewable	hesidintaake
nonrenewable energy resource	ɗatal semmbe ɗe kesidintaake
nose	hinere
nucleus	wuddu
number	limngal
nutrient	ñaamndu
O	
object	huunde
objective lens	giide gi'ooje
observable	maandeema
observation	maandaaki

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

observe	maandoo
obtained	hefbake
occur	fofa
odor	kaccungol
offspring	biddo
omnivore	ñaama fuu
opinion	saawara
orbit	taaroo
order	ooda
organ	tayre
organ system	jahargal tayre
organism	tayreeku
organize	siryoo
original	asungol
ovary	boccoonde debbo
overabundance	duuda
ozone	yebre
P	
parallel circuit	filorde
parasite	kootu
path	datal
pattern	njusbudi
percent, percentage	teemerre fof
period	yaake
permanent magnet	nanngoori
phases	gebe
phenomena	fofaano
photosynthesis	foofaano
physical	yi'aande
physical change	waylaaki yi'aande
physical environment	wonndaande yi'aande
physical property	huunde yi'aande
physical weathering	hulsaaki yi'aande
pie graph	diidol payyol
pistil	boccoonde
pitch	yayre
planet	duuniyaaru
plant	aawdi
polar	sobbundu
pollen	conndi
pollinate	rima
pollution	wonnuki
position	darorde
positive	jabii

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

potential energy	sembe naftiraaka
precipitation	tobo
predator	ñaamoori
predict	haynoo
prediction	haynaaki
presence	wonuki
previous	baawo
prey	nanngaadum
primary	firaamare
probable	teema
procedure	laawol
process	peewnirgol
produce	hebina
producer	kebinoowo
properties	tagaale
protect	reena
proton	gabbel hiite
provide	hokka
pull	dibboo
pulley	dibborde
pupa	binnga
puppies	ndawakon
push	yerba
R	
rabbit	wojere
radiation	jayluki
rain	tobo
rearrange	siryitoo
reason	daliila
receive	jaba
record	winnda
rectum	kuutol
recycle	wo'itina
reduce	busta
refer	fa'ara
reflect	raartoo
refract	wayla
relationship	sumpo
relative humidity	asawre sedda
relevant	nannda
remain the same	laato go'o
renewable	hesidina
renewable energy resource	datal hesidina sembe
repair	wo'ina

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

repel	tabboo
represent	daranoo
reproduce	hebitina
reproduction	hebitinki
reptile	pallaandi
required	yida
respiratory system	jahargal
respond	nootoo
response	nootogol
responsible	sanadu
result	wattam
rest	siwtoo
reuse	naftira kadin
revolution	mbayla
revolve	yiiloo
riding a bicycle	yeenja keekewel
rock	hayre
rock cycle	jahargal hayre
role	kuugal
root	dadol
rotate	yiiloo
rotation	yiilaaki
rubbing	moytuki
ruler (metric)	poondirgal (miitaare)
runoff	fuddita
S	
saliva	joodi
salivate	jooda
scale	betirgal
scientific inquiry	yamol kiimiiyaaku
scientific investigation	lincitol kiimiiyaaku
scientific thinking	numo kiimiiyaaku
screw	habba
seasonal	yaake
seasonally	yaakina
seasons	yaakeeji
secondary	didabol
sediment	conndi
sedimentary rock	hayre conndiire
seed	aawdi
seedling	aawde
select	subta
senses	hakkiilooji
sense organ	hakkiilo tayre

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

sequences	tokkootiro
series circuit	joggindiro
sewage	ilaagol
shadows	ɔwle
shape	suura
shells	kobe
shelter	suuro
shield volcano	norngal hodiire
shiver	diwna
significant	bote
similarity	nanndalla
simple machine	masingaaji koydi
sink	yooloo
situation	wonuki
size	manngu
skeletal muscle	radowol yiyal
skeletal system	jahargal yiyal
skin	nguru
sky	asamaan
sleet	malamalleeje
small intestine	tetekki dammufi
smooth muscle	radowol koppiingol
snow	nees
soil	leydi
soil texture	tagdi leydi
solar cell	ceelon naange
solar system	jahargal naange
solid	saata
solidification	saatuki
solubility	maasuki
solute	maasa
solution	maasol
sound	dille
sound recorder	koosirde dille
source	yiwde
space	ñaayri
species	tagle
specific	jogaadum
speed	jaawal
spine	noorol
spinal cord	noorol baawo
sponge	soosowa
spore	gabbel
spring scale	diwirde
sprout	wilita

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

stages	jonngooje
stamen	pinndi
stalks	yommbe
star	hoodere
state	darorde
static charge	njobdi dariindi
static electricity	lantarkiye dariinge
stem	banndu
stigma	karfa
stimulus	soññoore
stomach	reedu
storms	yiyeele
stopwatch	krono
strategy	dabare
strato	hakkundeere duule
stratus cloud	yiyeende baadi
streak	diidol
structural adaptation	jaba tagdi
structure	tagdi
subsoil	leydi
substance	huunde
summarize	bustitina
sun	naange
sunny	ñaaduki naange
support	ballal
surface	dow
survive, survival	yeeda, geedal
surviving	yeeduki
sweat	warñude
switch	ñifirgal
system	jahargal
T	
tadpole	boccoonde faabru
tape measure	poondirgol
teeth	ñiiye
temperate	wuli
temperature	gulol
temporary magnet	baleeri fanndaki
theory	tiwral
thermometer	foonda gulol
thrive	yeeda
thunderstorm	yiyeende
tissue	teewu
tongue	demngal

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

tool	kuwirdum
topsoil	dow leydi
tornado	duluuru
trachea	modorgol
trait	tagdi
transfer	eggina
transport	ado
trial	hiitoo
tropical	nguli
troposphere	lestude
trough	ilaagol
trunks	banndu ledde
turbine	kine hiite
type	nanndi
U	
unbalanced forces	semmbe peerootirde
unequal	fottidataa
under	les
universe	duuniyaaru
V	
vacuole	ndiyamwol
variable	bayloojum
vegetable	haako
vein	radol
vertebrate	dabba
visible	yi'oo
volcano	tuute hiite
voltmeter	miitange
volume	reedu
W	
waste	mbumri
water	ndiyam
water cycle	tarde ndiyam
water vapor	surtuki ndiyam
wavelength	juutalfaño
weather	duule
weathering	duulinnde
wedge	weeji
week	aseweere
weight	teddeenga
wheel and axle	wiiliyol e ajol
width	jaajal
wind	henndu

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

wind vane	tiitirgel henndu
wings	biyeeli