

Glossary

Elementary School Level

Science Glossary

English / Tagalog



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.





THE STATE EDUCATION DEPARTMENT / THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY, NY 12234

P-16

Office of Elementary, Middle, Secondary and Continuing Education and Office of Higher Education
Office of Bilingual Education and Foreign Language Studies

<http://www.emsc.nysed.gov/biling/>

THE UNIVERSITY OF THE STATE OF NEW YORK
Regents of the University

BETTY A. ROSA, <i>Chancellor</i> , B.A., M.S. in Ed., M.S. in Ed., M.Ed., Ed.D.	Bronx
T. ANDREW BROWN, <i>Vice Chancellor</i> , B.A., J.D.	Syracuse
NAN EILEEN MEAD, B.A.	Manhattan
JOSEPHINE VICTORIA FINN, B.A., J.D.	Albany
BEVERLY L. OUDERKIRK, B.S., M.S.	Saratoga
ELIZABETH S. HAKANSON	Onondaga
CATHERINE COLLINS, B.S., M.S., Ph.D.	West New York
JAMES R. TALLON, R., B.A., M.A.	Binghamton
ROGER TILLES, B.A., J.D.	Great Neck
JUDITH JOHNSON, B.A., M.A., Ed.D.	Mid-Hudson
LUIS O. REYES, B.A., M.A., Ph.D.	New York
LESTER W. YOUNG, JR., B.S., M.S., Ed. D.	Oakland Gardens
CHRISTINE D. CEA, B.A., M.A., Ph.D.	Staten Island
WADE S. NORWOOD, B.A.	Rochester
JUDITH CHIN, B.S., M.S.,	Queens
KATHLEEN M. CASHIN, B.S., M.S., Ed.D.	Brooklyn
JAMES E. COTTRELL, B.S., M.D.	New York

Commissioner of Education

President of The University of the State of New York

MARY ELLEN ELIA

Executive Deputy Commissioner

ELIZABETH BERLIN

The State Education Department does not discriminate on the basis of age, color, religion, creed, disability, marital status, veteran status, national origin, race, gender, genetic predisposition or carrier status, or sexual orientation in its educational programs, services and activities. Portions of this publication can be made available in a variety of formats, including Braille, large print or audio tape, upon request. Inquiries concerning this policy of nondiscrimination should be directed to the Department's Office for Diversity, Ethics, and Access, Room 530, Education Building, Albany, NY 12234. Requests for additional copies of this publication may be made by contacting the Publications Sales Desk, Room 319, Education Building, Albany, NY 12234.

**SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS**

ENGLISH / INGLES	TAGALOG
A	
absorb	I-absorb
acceleration	pagpabililis
acid rain	asidong ulan
adapt	I-adapt
adaptation	adaptasyon
adjust	ayusin
air	hangin
air pressure	presyon ng hangin
air resistance	paglaban sa hangin
alto	alto
amount	halaga
amphibian	amphibian
analyze	suriin
anemometer	anemometer
animal	hayop
apply	i-apply
around	paligid
arrange	isaayos
artery	arterya
arthropod	arthropod
asteroid	asteroid
atmosphere	atmosphere
atom	atom
axis	axis
B	
balance	balanse
balanced forces	mga balanseng puwersa
bar graph	bar graph
barometer	barometro
battery	baterya
behavior	asal
beneficial	benepisyal
best	pinakamahusay
bird	ibon
blink	kumurap
block	bloke
blood tissue	tisyu ng dugo
blood vessel	daluyan ng dugo
body heat	init ng katawan

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS

ENGLISH / INGLES	TAGALOG
bone	buto
bone tissue	tisyu ng buto
brain	utak
breathe	huminga
bronchi	bronchi
buoyant force	puwersa ng paglutang
C	
calculator	calculator
camera	kamera
camouflage	camouflage
capillary	capillary
carnivore	carnivore
caterpillar	uod
cause-and-effect	cause-at-effect
cell	selula
cell membrane	membrane ng selula
cell wall	dingding ng selula
Celsius (C°)	Celsius (C°)
centimeter (cm)	sentimetro (cm)
central nervous system	central nervous system
change	pagbabago
change of direction	pagbago ng direksiyon
change of motion	pagbago ng mosyon
change of speed	pagbago ng tulin
characteristic	katangian
chemical	kemikal
chemical change	kemikal na pagbabago
chemical property	kemikal na property
chemical weathering	kemikal na weathering
chlorophyll	chlorophyll
chloroplast	chloroplast
choose	pumili
cinder cone volcano	cinder cone volcano
circuit	circuit
circulatory system	circulatory system
cirro-	cirro-
cirrus cloud	cirrus na ulap
classification	klasipikasyon
classify	i-classify
claws	mga claw
climate	klima

**SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS**

ENGLISH / INGLES	TAGALOG
cloud	ulap
collect	kumolekta
color	kulay
column	hanay
comet	kometa
common	karaniwan/katulad
community	komunidad
compare	ipaghambing
compass	compass
competition	kumpetisyon
composite volcano	composite na bulkan
compost pile	compost pile
compound	compound
compound microscope	compound microscope
computer	kompyuter
conclusion	konklusyon
condensation	kondensasyon
condition	kalagayan
conduction	conduction
conductivity	conductivity
conductors	mga konduktor
conservation	konserbasyon
consumer	mamimili
contain	ipaloob
container	lalagyan
content	nilalaman
convection	kombeksyon
crest	crest
crust	crust
crystal	kristal
cubic centimeter	cubic sentimetro
cycle	siklo
cytoplasm	cytoplasm
D	
dam	dam
data	data
data table	data table
decomposer	decomposer
decrease	bumaba
define	bigyang kahulugan
definite	sigurado

**SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS**

ENGLISH / INGLES	TAGALOG
density	densidad
deposition	deposisyon
derived	kinuha
describe	ilarawan
design	disenyo
development	pag-unlat
diagram	diagram
die	mamatay
difference	kaibahan
digestive system	sistemang pantunaw
direction	direksiyon
directly	direkta
discuss	talakayin
disperse	maghiwa-hiwalay
distance	distansiya
distribute	ipamahagi
draw	iguhit
E	
earth	kalupaan
earthquake	lindol
earthworm	bulate
eat	kumain
echo	alingawngaw
ecosystem	ecosystem
effect	epekto
efficient	episyente
egg	itlog
electric	koryente
electric current	current ng koryente
electrical energy	elektrikal na enerhiya
electromagnet	electromagnet
electromagnetism	electromagnetism
electron	electron
elements	mga elemento
elevation	elebasyon
eliminate	alisin
emit	mag-emit
energy	enerhiya
energy resources	mga enerhiyang dulugan
environment	kapaligiran
equal	katumbas

**SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS**

ENGLISH / INGLES	TAGALOG
erosion	erosyon
error	pagkakamali
eruption	pagsabog
esophagus	esophagus
establish	itaguyod
estimate	estima
estimation	estimasyon
evaluate	suriin
evaporate	sumingaw
evaporation	pagsingaw
evidence	ebidensiya
example	halimbawa
exercise	ehersisyo
exoskeleton	exoskeleton
experiment	eksperimento
explain	ipaliwanag
external	panlabas
eyes	mga mata
F	
fact	katotohanan
factor	factor
Fahrenheit (°F)	Fahrenheit (°F)
fault	kasalanan
feather	balahibo ng ibon
feature	tampok
features	mga tampok
fins	palikpik
fish	isda
fixed pulley	fixed pulley
float	lutang
flood	baha
flowers	mga bulaklak
food chain	food chain
food web	food web
force	puwersa
form	anyo
former	dati
formula	pormula
fossil	fossil
fossil fuel	fossil fuel
frequency	kadalasan

**SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS**

ENGLISH / INGLES	TAGALOG
friction	pagkiskis
fruit	prutas
fulcrum	fulcrum
function	function
fur	balahibo
G	
galaxy	galaxy
gas	gas
generation	henerasyon
generator	generator
germinate	paramihin
germination	pagsibol
glacier	glacier
graduated cylinder	graduated cylinder
gram (g)	gramo (g)
graph	graph
graphic	graphic
gravity	gravity
greatest	pinakamalaki
green plant	berdeng tanim
ground	ground
groundwater	tubig sa ilalim ng lupa
grow	palakihin
growth	paglaki
H	
habitat	tirahan
hail	hail
hair	buhok
hand lens	hand lens
hardness	pagkatigas
harmful	nakakapinsala
health	kalusugan
healthy habit	malusog na kasanayan
hearth	puso
hearth muscle	muscle ng puso
heat	init
heat energy	enerhiya sa init
herbivore	herbivore
hibernation	hibernation
host	host

**SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS**

ENGLISH / INGLES	TAGALOG
human	tao
humidity	pagka-umido
hurricane	bagyo
hygrometer	hygrometer
Hypothesis	Hypothesis
I	
identify	kilalanin
identical	magkatulad
igneous rock	igneous na bato
illuminate	liwanagan
illustrate	isalarawan
inclined plane	inclined plane
increase	dagdagan
Independent variable	Independent variable
indicate	tukuyin
inference	hinuha
information	impormasyon
inherit	manahin
inherited adaption	namanang pag-ayon
inherited trait	namanang kaugalian
inquiry	pagtatanong
insect	insekto
insulator	insulator
interact	makipag-ugnay
internal	panloob
interpret	mag-interpret
interval	pagitan
invertebrate	invertebrate
investigate	imbestigahan
J	
jaw	panga
jellyfish	dikya
joint	joint
journal	journal
K	
kilogram (kg)	kilogramo (kg)
kiloliter (kl)	kiloliter (kl)
kilometer (km)	kilometro (km)

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS

ENGLISH / INGLES	TAGALOG
kinetic energy	kinetic na enerhiya
kingdom	kaharian
kitten	kuting
knowledge	kaalaman
L	
label	tarheta
land	lupa
landslide	landslide
large intestine	malaking bituka
larva	larva
latitude	latitude
lava	lava
leaf	dahon
learned	natutunan
learned adaptation	natutunang adaptasyon
least	pinakakaunti
leaves	mga dahon
leg	binti
length	haba
levee	levee
lever	lever
life cycle	siklo ng buhay
life span	haba ng buhay
light	ilaw
lighting	ilaw
line graph	line graph
lines of force	mga linya ng puwersa
liquid	likido
list	listahan
liter (L)	litro (L)
live	live
living	pamumuhay
living thing	buhay na bagay
location	kinalalagyan
lunar eclipse	lunar eclipse
lungs	mga бага
luster	kintab
M	
magma	magma
magnet	batubalani

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS

ENGLISH / INGLES	TAGALOG
magnetic field	magnetic na field
magnetic force	magnetic na puwersa
magnetism	magnetismo
magnifier	magnifier
maintain	mentinahin
major	major
mammal	mammal
mass	maramihan/masa
mates	mga katalik
matter	matter
measure	sukatin
mechanical	mekanikal
mechanical energy	mekanikal na enerhiya
metamorphic rock	metamorphic rock
metamorphosis	metamorphosis
meter (m)	metro (m)
meter stick	meter stick
method	paraan
metric ruler	metric ruler
microscope	microscope
migration	migrasyon
milligram (mg)	miligramo (mg)
millimeter (mm)	milimetro (mm)
mineral	mineral
mitochondria	mitochondria
mixture	magkakahalo
models	mga modelo
moisture	moisture
molecule	molecule
mollusk	mollusk
motion	paggalaw
motor	motor
mouth	bibig
movable pulley	nagagalaw na pulley
muscle tissue	tisyu ng kalamnan
muscular system	sistema ng mga kalamnan
N	
nail	kuko
natural events	mga natural na kaganapan
negative	negatibo
nervous system	nervous system

**SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS**

ENGLISH / INGLES	TAGALOG
neuron	neuron
niche	niche
nimbus	nimbus
nonliving thing	hindi buhay na bagay
nonrenewable	hindi mababago
nonrenewable energy resource	hindi mababagong dulugan ng enerhiya
nose	ilong
nucleus	nucleus
number	numero
nutrient	nakapagpapalusog
O	
object	object
objective lens	objective lens
observable	mao-obserbahan
observation	obserbasyon
observe	obserbahan
obtained	nakuha
occur	maganap
odor	amoy
offspring	anak
omnivore	omnivore
opinion	opinyon
orbit	orbit
order	order
organ	organ
organ system	organ system
organism	organismo
organize	organisahin
original	orihinal
ovary	obaryo
overabundance	kalabisan
ozone	ozone
P	
parallel circuit	parallel circuit
parasite	parasite
path	landas
pattern	pattern
percent, percentage	porsiyento
period	panahon
permanent magnet	permanenteng magnet

**SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS**

ENGLISH / INGLES	TAGALOG
phases	mga yugto
phenomena	mga kababalaghan
photosynthesis	photosynthesis
physical	pisikal
physical change	pisikal na pagbabago
physical environment	pisikal na kapaligiran
physical property	pisikal na pag-aari
physical weathering	pisikal na weathering
pie graph	pie graph
pistil	pistil
pitch	pitch
planet	planeta
plant	tanim
polar	polar
pollen	pollen
pollinate	pollinate
pollution	polusyon
position	posisyon
positive	positibo
potential energy	potensiyal na enerhiya
precipitation	presiitasyon
predator	paninila
predict	hulaan
prediction	prediksiyon
presence	presensiya
previous	nakaraan
prey	prey
primary	pangunahing
probable	malamang
procedure	pamamaraan
process	proseso
produce	gumawa
producer	producer
properties	mga pag-aari
protect	protektahan
proton	proton
provide	maglaan
pull	hatakin
pulley	pulley
pupa	pupa
puppies	mga tuta

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS

ENGLISH / INGLES	TAGALOG
push	itulak
R	
rabbit	kuneho
radiation	radiation
rain	ulan
rearrange	ayusin muli
reason	mangatwiran
receive	matanggap
record	i-record
rectum	tumbong
recycle	resiklo
reduce	bawasan
refer	tukyin
reflect	i-reflect
refract	refract
relationship	relasyon
relative humidity	relative humidity
relevant	makabuluhan
remain the same	manatiling pareho
renewable	mare-renew
renewable energy resource	mababagong dulugan ng enerhiya
repair	kumpuni
repel	pagtataboy
represent	ikatawan
reproduce	mag-reproduce
reproduction	reproduksiyon
reptile	reptile
required	inaatas
respiratory system	sistema ng respiratoryo
respond	tumugon
response	tugon
responsible	responsable
result	resulta
rest	pahinga
reuse	muling gamitin
revolution	rebolusyon
revolve	pumaligid
riding a bicycle	pagsakay sa bisikleta
rock	bato
rock cycle	siklo ng bato
role	ginaganapan

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS

ENGLISH / INGLES	TAGALOG
root	ugat
rotate	pihitin
rotation	pagpihit
rubbing	kuskusin
ruler (metric)	ruler (metric)
runoff	runoff
S	
saliva	laway
salivate	maglaway
scale	timbang
scientific inquiry	siyentipikong pagtanong
scientific investigation	siyentipikong imbestigasyon
scientific thinking	siyentipikong pag-iisip
screw	turnilyo
seasonal	napapanahon
seasonally	tuwing panahon
seasons	mga panahon
secondary	pangalawa
sediment	sedimento
sedimentary rock	sedimentaryong bato
seed	buto
seedling	punla
select	piliin
senses	mga pandama
sense organ	sense organ
sequences	mga pagsunod-sunod
series circuit	seryeng circuit
sewage	sewage
shadows	mga anino
shape	hugis
shells	mga kabibi
shelter	silungan
shield volcano	shield volcano
shiver	manginig
significant	makabuluhan
similarity	pagkakatulad
simple machine	simpleng makina
sink	lumubog
situation	sitwasyon
size	laki
skeletal muscle	kalamnan ng buto

**SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS**

ENGLISH / INGLES	TAGALOG
skeletal system	sistema ng mga buto
skin	balat
sky	langit
sleet	sleet
small intestine	maliit na bituka
smooth muscle	makinis na muscle
snow	snow
soil	lupa
soil texture	texture ng lupa
solar cell	solar cell
solar system	solar system
solid	solido
solidification	solidipikasyon
solubility	solubility
solute	solute
solution	solusyon
sound	tunog
sound recorder	sound recorder
source	pinagmulan
space	espasyo
species	mga specie
specific	partikular
speed	tulin
spine	gulugod
spinal cord	utak ng gulugod
sponge	spongaha
spore	spore
spring scale	spring scale
sprout	usbong
stages	mga yugto
stamen	stamen
stalks	mga stalk
star	bituin
state	estado
static charge	static charge
static electricity	static na kuryente
stem	tangkay
stigma	stigma
stimulus	stimulus
stomach	sikmura
storms	mga malakas na ulan

**SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS**

ENGLISH / INGLES	TAGALOG
stopwatch	stopwatch
strategy	istratehiya
strato	strato
stratus cloud	stratus na ulap
streak	streak
structural adaptation	structural adaptation
structure	istruktura
subsoil	subsoil
substance	sangkap
summarize	ibuod
sun	araw
sunny	maaraw
support	suporta
surface	surface
survive, survival	manatiling buhay
surviving	nabubuhay
sweat	pawis
switch	switch
system	sistema
T	
tadpole	butete
tape measure	medida
teeth	ngipin
temperate	temperate
temperature	temperatura
temporary magnet	pansamantalang magnet
theory	teorya
thermometer	termometro
thrive	umunlad
thunderstorm	ulan na may pagkulong at kidlat
tissue	tisyu
tongue	dila
tool	kasangkapan
topsoil	topsoil
tornado	buhawi
trachea	trachea
trait	kaugalian
transfer	lumipat
transport	i-transport
trial	pagsubok
tropical	tropical

**SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL
GLOSARYO NG AGHAM - ELEMENTARYANG ANTAS**

ENGLISH / INGLES	TAGALOG
troposphere	troposphere
trough	labangan
trunks	mga trunk
turbine	turbine
type	typeuri
U	
unbalanced forces	mga hindi balanseng puwersa
unequal	hindi equal
under	sa ilalim
universe	sansinukop
V	
vacuole	vacuole
variable	maaring magbago
vegetable	gulay
vein	ugat
vertebrate	vertebrate
visible	nakikita
volcano	bulkan
voltmeter	voltmeter
volume	volume
W	
waste	basura
water	tubig
water cycle	siklo ng tubig
water vapor	water vapor
wavelength	wavelength
weather	panahon
weathering	pagbabago dulot ng panahon
wedge	wedge
week	linggo
weight	timbang
wheel and axle	gulong at axle
width	lapad
wind	hangin
wind vane	wind vane
wings	mga pakpak