

Glossary

Elementary School Level

Science Glossary

English / Malay



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	MALAY
A	
absorb	menyerap
acceleration	pecutan
acid rain	hujan asid
adapt	menyesuaikan
adaptation	penyesuaian
adjust	laras
Air	Udara
air pressure	tekanan udara
air resistance	rintangan udara
alto	Alto
amount	jumlah
amphibian	amfibia
analyze	menganalisis
anemometer	anemometer
animal	haiwan
apply	mengenakan
around	sekitar
arrange	susun
artery	arteri
arthropod	artropod
asteroid	asteroid
atmosphere	atmosfera
atom	atom
axis	paksi
B	
balance	seimbang
balanced forces	daya seimbang
bar graph	graf palang
barometer	barometer
battery	bateri
behavior	tingkah laku
beneficial	bermanfaat
best	terbaik
bird	burung
blink	berkedip
block	bongkah
blood tissue	tisu darah
blood vessel	saluran darah
body heat	haba badan
bone	tulang

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
bone tissue	tisu tulang
brain	otak
breathe	bernafas
bronchi	bronkus
buoyant force	daya apung
C	
calculator	kalkulator
camera	kamera
camouflage	penyamaran
capillary	kapilari
carnivore	karnivor
caterpillar	Ulat beluncas
cause-and-effect	sebab dan akibat
cell	sel
cell membrane	membran sel
cell wall	dinding sel
Celsius (C°)	celsius (C°)
centimeter (cm)	sentimeter
central nervous system	sistem saraf pusat
change	mengubah
change of direction	perubahan arah
change of motion	perubahan gerakan
change of speed	perubahan kelajuan
characteristic	sifat
chemical	kimia
chemical change	perubahan kimia
chemical property	bahan kimia
chemical weathering	luluhawa kimia
chlorophyll	klorofil
chloroplast	kloroplas
choose	pilih
cinder cone volcano	gunung berapi kon sinder
circuit	litar
circulatory system	sistem peredaran
cirro-	cirro-
cirrus cloud	awan sirus
classification	klasifikasi, pengelasan
classify	mengelaskan, mengklasifikasikan
claws	kuku
climate	iklim
cloud	awan
collect	kumpul

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
color	warna
column	lajur, turus
comet	Komet
common	Biasa
community	masyarakat
compare	membandingkan
compass	kompas
competition	persaingan
composite volcano	gunung berapi komposit
compost pile	timbunan kompos
compound	sebatian
compound microscope	mikroskop majmuk
computer	komputer
conclusion	kesimpulan
condensation	pemeluwapan
condition	keadaan
conduction	pengaliran
conductivity	kekonduksian, keberaliran
conductors	konduktor
conservation	pemuliharaan
consumer	pengguna
contain	mengandungi
container	bekas
content	kandungan
convection	perolakan
crest	puncak
crust	kerak
crystal	hablur
cubic centimeter	sentimeter padu
cycle	kitaran
cytoplasm	sitoplasma
D	
dam	empangan
data	data
data table	jadual data
decomposer	pengurai
decrease	menyusut, pengurangan
define	mentakrifkan
definite	pasti
density	ketumpatan
deposition	pemendapan, pengendapan
derived	terbitan

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
describe	menerangkan
design	mereka bentuk
development	perkembangan
diagram	rajah
die	mati
difference	perbezaan
digestive system	sistem pencernaan
direction	arah
directly	terus, secara langsung
discuss	membincangkan
disperse	sebar, serak
distance	jarak
distribute	agih, tabur
draw	melukis
E	
earth	bumi
earthquake	gempa bumi
earthworm	cacing tanah
eat	makan
echo	gema
ecosystem	ekosistem
effect	kesan
efficient	cekap
egg	telur
electric	elektrik
electric current	arus elektrik
electrical energy	tenaga elektrik
electromagnet	elektromagnet
electromagnetism	elektromagnetisme
electron	elektron
elements	unsur
elevation	aras tinggi, menaikkan
eliminate	menyingkirkan
emit	memancarkan
energy	tenaga
energy resources	sumber tenaga
environment	persekitaran
equal	sama
erosion	hakisan
error	ralat
eruption	letusan
esophagus	esofagus

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
establish	mewujudkan
estimate	menganggar
estimation	anggaran
evaluate	menilai
evaporate	menyejat
evaporation	penyejatan
evidence	bukti
example	contoh
exercise	senaman
exoskeleton	eksorangka
experiment	eksperimen
explain	menerangkan
external	luaran
eyes	mata
F	
fact	fakta
factor	faktor
Fahrenheit (°F)	Fahrenheit (°F)
fault	sesar
feather	bulu
feature	ciri
features	ciri-ciri
fins	sirip
fish	ikan
fixed pulley	takal tetap
float	apungan
flood	banjir
flowers	bunga
food chain	rantai makanan
food web	jaringan makanan
force	daya
form	bentuk
former	bekas
formula	formula
fossil	fosil
fossil fuel	bahan api fosil
frequency	kekerapan
friction	geseran
fruit	buah
fulcrum	fulkrum, sangga tuas
function	fungsi
fur	bulu

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
G	
galaxy	galaksi
gas	gas
generation	penjanaan
generator	penjana
germinate	cambah
germination	percambahan
glacier	glasier
graduated cylinder	silinder bersengkat
gram (g)	gram (g)
graph	graf
graphic	grafik
gravity	graviti
greatest	terbesar
green plant	tumbuhan hijau
ground	tanah
groundwater	air tanah
grow	tumbuh
growth	pertumbuhan
H	
habitat	habitat
hail	hujan batu
hair	rambut
hand lens	kanta tangan
hardness	kekerasan
harmful	berbahaya
health	kesihatan
healthy habit	tabiat yang sihat
hearth	perdiangan
hearth muscle	otot perdiangan
heat	haba
heat energy	tenaga haba
herbivore	herbivor
hibernation	hibernasi
host	perumah
human	manusia
humidity	kelembapan
hurricane	taufan
hygrometer	higrometer
hypothesis	hipotesis

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
I	
identify	camkan, kenal pasti
identical	seiras
igneous rock	batuan igneus
illuminate	menerangi
illustrate	menggambarkan, menjelaskan
inclined plane	satah condong
increase	bertambah
independent variable	pemboleh ubah tak bersandar
indicate	menunjukkan
inference	kesimpulan
information	maklumat
inherit	mewarisi
inherited adaption	penyesuaian yang diwarisi
inherited trait	sifat yang diwarisi
inquiry	pertanyaan, penyelidikan
insect	serangga
insulator	penebat
interact	berinteraksi
internal	dalaman
interpret	mentafsirkan
interval	selang, jeda
invertebrate	invertebrat
investigate	menyiasat
J	
jaw	rahang
jellyfish	ubur-ubur
joint	sendi
journal	jurnal
K	
kilogram (kg)	kilogram (kg)
kiloliter (kl)	kiloliter (kl)
kilometer (km)	kilometer (km)
kinetic energy	tenaga kinetik
kingdom	alam
kitten	anak kucing
knowledge	pengetahuan

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
L	
label	label
land	tanah
landslide	tanah runtuh
large intestine	usus besar
larva	larva
latitude	garis lintang, latitud
lava	lahar, lava
leaf	daun
learned	dipelajari
learned adaptation	penyesuaian dipelajari
least	paling kurang
leaves	daun
leg	kaki
length	panjang
levee	tetambak
lever	tuas, tuil
life cycle	kitaran hidup
life span	jangka hayat
light	cahaya
lighting	pencahayaannya
line graph	graf garis
lines of force	garis daya
liquid	cecair
list	senarai
liter (L)	liter (L)
live	hidup
living	hidup
living thing	benda hidup
location	lokasi
lunar eclipse	gerhana bulan
lungs	paru-paru
luster	kilau
M	
magma	magma
magnet	magnet
magnetic field	medan magnet
magnetic force	daya magnet
magnetism	magnetisme
magnifier	pembesar
maintain	mengekalkan
major	major, utama

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
mammal	mamalia
mass	jisim
mates	pasangan
matter	jirim
measure	mengukur
mechanical	mekanikal
mechanical energy	tenaga mekanik
metamorphic rock	batuan metamorf
metamorphosis	metamorfosis
meter (m)	meter (m)
meter stick	kayu meter
method	kaedah
metric ruler	pembaris metrik
microscope	mikroskop
migration	migrasi
milligram (mg)	miligram (mg)
millimeter (mm)	milimeter (mm)
mineral	mineral
mitochondria	mitokondria
mixture	campuran
models	model
moisture	lembapan
molecule	molekul
mollusk	moluska
motion	gerakan
motor	motor
mouth	mulut
movable pulley	takal boleh gerak
muscle tissue	tisu otot
muscular system	sistem otot
N	
nail	kuku
natural events	peristiwa semula jadi
negative	negatif
nervous system	sistem saraf
neuron	neuron
niche	ceruk, nic
nimbus	nimbus
nonliving thing	benda tak hidup
nonrenewable	tak boleh diperbaharu
nonrenewable energy resource	sumber tenaga tak boleh diperbaharu
nose	hidung

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
nucleus	nukleus
number	nombor
nutrient	nutrien
O	
object	objek
objective lens	kanta objek
observable	boleh cerap
observation	pencerapan
observe	cerap
obtained	diperoleh
occur	berlaku
odor	bau
offspring	anak
omnivore	omnivor
opinion	pendapat
orbit	orbit
order	order
organ	organ
organ system	sistem organ
organism	organisma
organize	mengatur
original	asli
ovary	ovari
overabundance	keterlaluan
ozone	ozon
P	
parallel circuit	litar selari
parasite	parasit
path	laluhan
pattern	corak, pola
percent, percentage	peratus, peratusan
period	tempoh
permanent magnet	magnet kekal
phases	fasa
phenomena	fenomena
photosynthesis	fotosintesis
physical	fizikal
physical change	perubahan fizik
physical environment	persekitaran fizikal
physical property	sifat fizik
physical weathering	luluhawa fizikal
pie graph	graf pai

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
pistil	pistil
pitch	kelangsingan
planet	planet
plant	tumbuhan
polar	kutub
pollen	debunga
pollinate	mendebunga
pollution	pencemaran
position	kedudukan
positive	positif
potential energy	tenaga keupayaan
precipitation	pemendakan
predator	pemangsa
predict	meramalkan
prediction	ramalan
presence	kehadiran
previous	sebelumnya
prey	mangsa
primary	primer
probable	mungkin
procedure	tatacara
process	proses
produce	mengeluarkan
producer	pengeluar
properties	sifat
protect	melindungi
proton	proton
provide	memberi
pull	tarik
pulley	takal
pupa	pupa
puppies	anak anjing
push	tolak
R	
rabbit	arnab
radiation	sinaran
rain	hujan
rearrange	susun semula
reason	sebab
receive	terima
record	rekod
rectum	rektum

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
recycle	kitar semula
reduce	mengurangkan
refer	rujuk
reflect	pantul
refract	bias
relationship	hubungan
relative humidity	kelembapan relatif
relevant	berkaitan
remain the same	tetap sama
renewable	boleh diperbaharu
renewable energy resource	sumber tenaga boleh diperbaharu
repair	baiki
repel	menolak
represent	mewakili
reproduce	membangkitkan
reproduction	pembangkitkan
reptile	reptilia
required	diperlukan
respiratory system	sistem pernafasan
respond	bergerak balas
response	gerak balas
responsible	bertanggungjawab
result	hasil, keputusan
rest	rehat
reuse	guna semula
revolution	revolusi, putaran
revolve	berkisar
riding a bicycle	menunggang basikal
rock	batuan
rock cycle	kitaran batuan
role	peranan
root	akar
rotate	putar
rotation	putaran
rubbing	menggosok
ruler (metric)	pembaris (metrik)
runoff	larian

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
S	
saliva	air liur
salivate	berliur
scale	skala
scientific inquiry	siasatan saintifik
scientific investigation	penyiasatan saintifik
scientific thinking	pemikiran saintifik
screw	skru
seasonal	bermusim
seasonally	secara bermusim
seasons	musim
secondary	sekunder
sediment	endapan
sedimentary rock	batuan sedimen
seed	biji benih
seedling	anak benih
select	pilih
senses	deria
sense organ	organ deria
sequences	urutan
series circuit	litar siri
sewage	kumbahan
shadows	bayang-bayang
shape	bentuk
shells	cangkerang
shelter	perlindungan
shield volcano	gunung berapi perisai
shiver	menggigil
significant	penting
similarity	persamaan
simple machine	mesin mudah
sink	tenggelam
situation	keadaan, situasi
size	saiz
skeletal muscle	otot rangka
skeletal system	sistem rangka
skin	kulit
sky	langit
sleet	hujan beku
small intestine	usus kecil
smooth muscle	otot licin
snow	salji

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
soil	tanah
soil texture	tekstur tanah
solar cell	sel suria
solar system	sistem suria
solid	pejal
solidification	pemejalan
solubility	kelarutan
solute	zat terlarut
solution	larutan
sound	bunyi
sound recorder	perakam bunyi
source	sumber
space	ruang
species	spesies
specific	tentu, khusus
speed	kelajuan
spine	duri, tulang belakang
spinal cord	saraf tunjang
sponge	span, bunga karang
spore	spora
spring scale	dacing pegas
sprout	tunas, tumbuh
stages	peringkat, tahap
stamen	stamen
stalks	tangkai, gagang
star	bintang
state	keadaan, bentuk
static charge	cas statik
static electricity	elektrik statik
stem	batang
stigma	stigma
stimulus	rangsangan
stomach	perut
storms	ribut
stopwatch	jam randik
strategy	strategi
strato	strato
stratus cloud	awan stratus
streak	jalur
structural adaptation	penyesuaian berstruktur
structure	struktur
subsoil	subtanah, subtanih
substance	bahan

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
summarize	meringkaskan
sun	matahari
sunny	cerah
support	sokong
surface	permukaan
survive, survival	mandiri, kemandirian
surviving	terus hidup
sweat	peluh
switch	suis
system	sistem
T	
tadpole	berudu
tape measure	pita ukur
teeth	gigi
temperate	sederhana
temperature	suhu
temporary magnet	magnet sementara
theory	teori
thermometer	termometer
thrive	hidup subur
thunderstorm	ribut petir
tissue	tisu
tongue	lidah
tool	alat, perkakas
topsoil	tanah atas
tornado	tornado, puting beliung
trachea	trakea, tenggorok
trait	ciri, sifat
transfer	pindah
transport	pengangkutan, angkutan
trial	percubaan, cubaan
tropical	tropika
troposphere	troposfera
trough	jurang, palung
trunks	batang, badan
turbine	turbin
type	jenis
U	
unbalanced forces	daya tak seimbang
unequal	tidak sama
under	di bawah
universe	alam semesta

SCIENCE GLOSSARY - ELEMENTARY SCHOOL LEVEL

ENGLISH	MALAY
V	
vacuole	vakuol
variable	pemboleh ubah
vegetable	sayuran, tumbuhan
vein	vena, urat
vertebrate	vertebrat
visible	nampak
volcano	gunung berapi
voltmeter	voltmeter
volume	isi padu
W	
waste	sisa, bahan buangan
water	air
water cycle	kitaran air
water vapor	wap air
wavelength	panjang gelombang
weather	cuaca
weathering	luluhawa
wedge	baji
week	minggu
weight	berat
wheel and axle	roda dan gandar
width	lebar
wind	angin
wind vane	penunjuk arah angin
wings	sayap