

# Glossary

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**Intermediate School Level**

## Science Glossary

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**English / Swahili**

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Translation of Science Terms  
Based on the Coursework for  
Science Grades 6 to 8.

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

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Intermediate School Level Science Glossary

ENGLISH	SWAHILI
<b>A</b>	
absorb	fyonza
acceleration	mchapuko
acid rain	mvua ya asidi
action	kitendo
adapt	tohoa
adaptation	utohozi/ wepesi wa kubadilika
adjust	kuzoeza
adult	mtu mzima
advantage	manufaa
affect	athiri
air	hewa
air mass	tungamo la hewa
air pressure	kanieneo hewa
air resistance	ukinzani hewa
alternate	pokezana/badilishana
alto	<i>alto</i>
amount	kiasi
amphibian	amfibia
amplitude	ukubwa
analyze	changanua
anatomy	antomia
ancestor	mhenga
ancient	-a kale
anemometer	anenometa
angle	pembe
animal	mnyama
Animalia	Animalia
antibiotic	kiua vijasumu
antibody	kingamwili
appliance	chombo/kifaa
apply	tumia
appropriate	inayofaa
approximately	takriban
arrange	pangilia
artery	ateri
arthropod	athropodi
asexual	-sio jinsi
assemble	unganisha
asteroid	sayari ndogo
astronomer	mwana falaki
atmosphere	angahewa
atom	atomu
atomic number	idadi ya atomu

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ENGLISH	SWAHILI
attract	vutia
automatic	otomatiki/kujiendesha
available	inapatikana
axis	mhimili
<b>B</b>	
bacteria	bakteria
balance	urari
balanced forces	kani zenye urari
bar graph	grafu pau
bare	tupu
barometer	kipimahewa
battery	betri
bed	kitanda
behavior	tabia
beneficial	-a manufaa
benefit	faida
best	bora sana
big bang	mlipuko mkubwa
binary fission	mpasuko jozi
biomass	biomasi
bird	ndege
blink	pepesa
blizzard	dhoruba kali ya theluji
block	zuia
blood tissue	tishu ya damu
blood vessel	mishipa ya damu
blossom	chanuka
boil	chemsha
boiling point	kiwango cha mchemko
bone tissue	tishu ya mifupa
bounce	dunda
brain	ubongo
bronchi	koromeo
bundle	kitita
buoyancy	uelezi
buoyant force	kani uelezi
<b>C</b>	
calcium	kalisi
calculator	kikokotoo
calorie	kalori
camera	kamera
camouflage	kamafleji/majificho
cancer	saratani
capillary	kapilari
capture	tweka/nasa

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ENGLISH	SWAHILI
carbohydrate	kabohaidreti/wanga
carbon (C)	kaboni (C)
carbon dioxide (CO <sub>2</sub> )	dioksidi ya kaboni (CO <sub>2</sub> )
cardiovascular system	mfumo wa mishipa ya damu ya moyo
carnivore	mlanyama
category	aina
caterpillar	kiwavi
cause-end-effect relationships	mahusiano ya chanzo-na-athari
celestial	-a mbingu
cell	seli
cell cycle	mzunguko wa seli
cell division	mgawanyiko wa seli
cell membrane	kiwamboseli
cell theory	nadhariaseli
cell wall	ukutaseli
cellular respiration	mtweto wa seli
Celsius (°C)	nyuzi joto (°C)
cement	saruji
centimeter (cm)	sentimita (sm)
central nervous system	mfumoneva mkuu
chain	mnyororo
change	badiliko
change of direction	badiliko la mwelekeo
change of motion	badiliko la mwendo
change of speed	badiliko la kasi
characteristic	sifa
chart	chati
chemical	kemikali
chemical bond	muunganisho wa kemikali
chemical change	badiliko la kemikali
chemical energy	nishati ya kemikali
chemical equation	mlinganyo wa kemikali
chemical property	sifa ya kemikali
chemical reaction	utendaji wa kemikali
chemical system	mfumo wa kemikali
chemical weathering	mabadiliko ya hali ya kemikali
chlorophyll	klorofili
chloroplast	kloroplasti
choose	chagua
chromosome	kromosomu
cinder cone volcano	volkano ya koni ya kipande cha lava
circuit	saketi
circulation	mzunguko
circulatory system	mfumo wa mzunguko wa damu
cirro-	mawingu ya mwinuko wa juu

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ENGLISH	SWAHILI
cirrus cloud	wingu mavundevunde
classification	uainishaji
classify	ainisha
climate	tabianchi
cloning	kufanyiza kiumbe bila ya kujamiiana
cloud	wingu
coal	makaa ya mawe
code	msimbo
cold front	baridi ya mbele
collect	kusanya
collide	gongana
color	rangi
column	safu wima
comet	kimondo
comfortable	-a starehe
communicate	wasiliana
community	jamii
compare	linganisha
compass	dira
competition	ushindani
complex carbohydrate	kabohaidreti changamano
compose	tunga
composite volcano	volkano zaidi ya moja
composition	utungo
compost pile	rundo la mbolea
compound	msombo
compound microscope	hadubini ambatani
compress	shinikiza
compression	shinikizo
computer	kompyuta
conclude	hitimisha
conclusion	hitimisho
condensation	mtonesho
condense	fanya umande
condition	hali
conduct	pitisha
conduction	upitishaji
conductors	vipitishi
consequences	matokeo
conservation	uhifadhi
conservation of energy	uhifadhi wa nishati
conservation of mass	uhifadhi wa tungamo
conserve	hifadhi
consist of	ina/yana
consistent	thabiti
constant	isobadilika

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ENGLISH	SWAHILI
construct	jenga
consumer	mlaji/mtumaji
contain	ina
container	kontena
content	maudhui
continent	bara
contrast	tofautisha
control	dhibiti
controlled experiment	majaribio yanayodhibitiwa
convection	myuko
coordinate	ratibu
coordination	uratibu
core	kiini
covalent bond	muungano unaoshikamana
create	huluku
crest	kishungi/kilele
crop	zao
crust	ukoga
crystal	fuwele/chembechembe
crystallization	kugandisha
cubic	mchemraba
cubic centimeter	sentimeta za mchemraba
cure	tiba
cycle	mzunguko
cytoplasm	sitoplazimu
<b>D</b>	
daily	kila siku
dam	bwawa
data	data
data table	jedwali la data
daughter cell	binti seli
daylight	mchana
decay	kuoza
decomposer	kiozeshaji
decrease	punguza
defend	linda
deficient	kasoro
define	fasili
definite	-enye mpaka
delta	delta
density	msongamano
dependent variable	kigeugeu tegemezi
deposition	uthibitishaji
derived	kutokana na
descend	teremka

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ENGLISH	SWAHILI
descendants	viteremsho
describe	eleza
desert	jangwa
design	unda/sanifu
design scientific investigations	unda jaribio la kisayansi
determine	dhamiria
develop	kuza
development	maendeleo
diagram	mchoro
dichotomous key	ufunguo wa muainisho wa uwili
difference	tofauti
digest	meng'anya
digestion	mmeng'enyoy
digestive system	mfumo wa mmeng'enyoy wa chakula
direct	moja kwa moja
directions	maelekezo
directly	moja kwa moja
disappearing trait	tabia inayotoweka
discuss	jadili
disperse	tawanya
dissolve	yeyusha
distance	umbali
distinctive	bainifu
distribute	gawanya
disturb	sumbua
diversity	uanuwai
DNA	vinasaba
dominant	inayotawala
dominant gene	jeni inayotawala
draw	chora
dump	tupa
<b>E</b>	
earth	dunia
earthquake	tetemeko la ardhi
earthworm	nyungunyungu
echo	mwangwi
eclipse	kupatwa jua au mwezi
ecological succession	urithi wa kiekolojia
ecology	ikolojia
ecosystem	mfumo wa ekolojia
effect	athari
efficient	fanisi
egg	yai
electric current	mkondo wa umeme
electrical	-a umeme



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ENGLISH	SWAHILI
electrical circuits	saketi za umeme
electrical energy	nishati umeme
electricity	umeme
electromagnet	sumaku umeme
electromagnetic spectrum	spektra ya sumaku umeme
electromagnetic waves	mawimbi ya sumaku umeme
electromagnetism	usumaku umeme
electron	elektroni
elements	elementi
elevation	mwinuko
elliptical	umbo la yai
emit	toa
endangered species	mimea au viumbe walio katika hatari ya kutoweka
endocrine system	mfumo wa tezi
endothermic	endothermiki
energy	nishati
energy flow	mtiririko wa nishati
energy pyramid	piramidi ya nishati
energy resources	rasilimali za nishati
ensure	hakikisha
environment	mazingira
environmental	-a kimazingira
environmental changes	mabadiliko ya kimazingira
epithelial	-a epitheliamu
equal	sawa
equation	mlinganyo
equator	ikweta
equilibrium	msawazo/ulinganifu
erosion	mmomonyoko
error	hitilafu
esophagus	umio
establish	anzisha
estimate	kadiria/kisia
estimation	ukadiriaji/makisio
eukaryotic	-a eukaryoti
evaluate	tathimini
evaporate	kuwa mvuke
evaporation	kuvukiza
evidence	ushahidi
evolution	mgeuko/mabadiliko
example	mfano
exchange	ubadilishaji
excrete	toa takamwili
excretion	utoaji takamwili

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ENGLISH	SWAHILI
exoskeleton	upande wa nje wa mifupa
exothermic	ekosthemiki
expand	panua
experiment	jaribio
explain	elezea/fafanua
explanation	maelezo/ufafanuzi
express	dhahiri
external	-a nje
extinct	-sio kuwepo
<b>F</b>	
fact	hakika
factor	sababu
Fahrenheit (°F)	Farenheiti (°F)
fat	mafuta
fault	dosari
feature	sifa/sehemu muhimu
features	sifa/sehemu muhimu
female sex cell	seli ya uzazi ya kike
fertilization	urutubishaji
fertilized	-liurutubishwa
fertilizer	kirutubishaji
fiber	nyuzinyuzi
fish	samaki
fixed pulley	kapi/roda ya kudumu
flood	mafuriko
flow chart	chati mtiririko
flower	maua
fluid	ugiligili
folded	kunjika/pindika
food	chakula
food chain	mzunguko wa chakula
food web	mtandao wa chakula
for every action there is an equal or opposite reaction	kwa kila tendo kuna mjibizo sawa au kinyume
force	kani
forecast	tabiri
form	muundo
formation	uundaji
former	awali/mwanzoni
formula	fomyula
formulate	unda
fossil	kisukuku
fossil fuel	mafuta ya kisukuku
freezing	kuganda
frequency	marudio/idadi ya marudio

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ENGLISH	SWAHILI
friction	msugvano
front	mbele
fruit	tunda
fuel	mafuta
filter	chuja
fulcrum	egemeo
function	kazi
function of living things	utendaji wa viumbe hai
fungi	kuvu
<b>G</b>	
galaxy	kundi la nyota
garbage	taka
gas	gesi
gas giants	sayari zenye kwango kikubwa cha gesi
gem	kito
gene	jeni
generation	kuzalisha
generator	Kizalishaji/jenereta
genetic engineering	uhandisi wa chembe za nasaba
genetic material	nyenzo za jeni
genetically	kijeni
genetic variation	utofauti wa jeni
geologist	mjiolojia
geothermal energy	nshati ya mvuke inayotoka ardhini
germ	kiini maradhi
germination	kuchipua
glacier	mto wa barafu
gland	tezi
global	ulimwengu
global climate	tabianchi uliwenguni
global warming	ongezeko la joto ulimwenguni
graduated cylinder	silinda kuu
gram (g)	gramu (g)
graph	grafu
graphic	-a grafu
gravitational	uvutano
gravity	mvutano
greatest	kubwa kabisa
greenhouse gas	gesi inayoongeza joto ulimwenguni
green plant	mimea ya kijani
groundwater	maji ya ardhini
group	kundi
grow	kua
growth	ukuaji

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ENGLISH	SWAHILI
<b>H</b>	
habit	mazoea
habitat	makazi/mazingra ya
hand lens	lensi ya mkono
hardness	ugumu
harmful	-a kudhuru
hazardous	-a hatari
healthy habit	tabia nzuri ya kiafya
hearth	meko
hearth muscle	msuli wa meko
heat	joto
heat energy	nishati ya joto
herbivore	mlea mimea
heredity	urithi
hereditary	-a urithi
hibernation	kubumbwaa
hormone	homoni
host	mwenyeji
human	binadamu
human cell	seli ya binadamu
humid	nyevu
humidity	unyevu
hurricane	kimbunga
hydroelectric power	umeme wa nguvu za maji
hydrosphere	ukanda wa maji
hygrometer	kipimaunyevu
hypothesis	nadharia tete
<b>I</b>	
identical	inayofanana
identification	ubainishaji
identify	bainisha
igneous	iliyoundwa na volkano
igneous rock	mwamba iliyoundwa na volkano
illuminate	angaza/mulika
illustrate	kuonyesha mfano
immune system	mfumo wa kinga
inclined plane	ubapa mwinamo
increase	ongeza
independent	huru
independent variable	kigeugeu huru
indicate	ashiria
indirect	isiyo dhahiri
individual	binafsi
infection	maambukizi

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ENGLISH	SWAHILI
infectious disease	ugonjwa wa kuambukiza
inference	hitimisho
information	habari
ingredient	kiambato
inherit	rithi
inheritance	urithi
inherited adaptation	urithi wa mabadiliko
inherited trait	tabia ya urithi
insect	mdudu
instrument	kifaa/ala
insulator	kihami
interact	wasiliana/athiriana/ingiliana
interaction	maingiliano
interior	ndani
internal	-a ndani
interpret	tafsiri
interval	muda/wakati baina ya matukio mawili
inversion	kinyume
invertebrate	isio na uti
investigation	uchunguzi
ion	ioni
ionic bond	muungano wa ioni
iron (Fe)	chuma (Fe)
irregular	isiyokuwa na utaratibu
isolate	tenga
<b>J</b>	
jellyfish	kavuyavu/kiwavi
joint	kiungo
<b>K</b>	
kilogram (kg)	kilogramu (kg)
kiloliter (kl)	kilolita (kl)
kilometer (km)	kilomita (km)
kinetic energy	nishati mwendo
kingdom	falme
knowledge	ufahamu
<b>L</b>	
label	kitambulisho
landslide	maporomoko ya ardhi
large intestine	utumbo mpana
larva	buu
laser	leza
latitude	latitudo
lava	lava

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ENGLISH	SWAHILI
layer	safu/tabaka
leaf	jani
learned	iliyojifunzwa
learned adaptation	utohozi/wepesi wa kubadilika wa kujifunza
least	dogo
leaves	majani
levee	ukingo wa kitope
lever	wenzo
life cycle	mzunguzo wa maisha
life span	muda wa maisha
lift	inua
light	mwanga
light-years	miaka ya nuru
line graph	grafu ya mstari
lines of force	mistari ya kani
link	uhusuano/kiungo
liquid	kioevu
list	orodha
liter (L)	lita (L)
lithosphere	ganda la dunia
liver	ini/maini
living things	viumbe hai
location	mahali maalum
locomotion	mwendo
longitude	longitudo
longitudinal wave	wimbi la longitudo
loudness	ukelele
lunar eclipse	kupatwa kwa mwezi
lungs	mapafu
luster	mng'aro
<b>M</b>	
machine	maschine
magma	magma
magnet	sumaku
magnetic field	uwanda sumaku
magnetic force	kani sumaku
magnetism	usumaku
magnifier	kiokuzi
maintain	dumisha
maintenance	udumishaji
major	kubwa/kuu zaidi
male sex cell	seli ya jinsi ya kiume
mammal	mamalia
manage	mudu

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ENGLISH	SWAHILI
mantle	kifuniko
map	ramani
mass	tungamo
material	zana
materials	zana
materials scientist	mwanasayansi mtendaji
mathematics	hisabati
matter	maada
measure	pima
measurement	kipimo
mechanical energy	nishati ya makenika
mechanical weathering	mkwajuko wa kimakenika
medium	-a kati
meiosis	meiosisi
melting	kuyeyuka
melting point	kiwango cha kuyeyuka
metal	metali
metallic bond	muungano metali
metalloid	-a metali
metamorphic	metamofiki
metamorphic rock	jiwe la metamofiki
metamorphosis	ugeuzaji umbo
meter (m)	mita (m)
meter stick	fimbo ya mita
methane	methani
method	mbinu
metric ruler	rula ya kipimo
microorganisms	viumbe wasioonekana kwa macho
microscope	hadubini
mid-ocean ridge	mwinuko katikati ya bahari
migration	uhamiaji
Milky Way	kilimia
milligram (mg)	miligramu (mg)
milliliter (ml)	mililita (ml)
millimeter (mm)	milimita (mm)
mineral	madini
mitochondria	mitokondria
mitosis	maitosisi
mixture	mchanganyiko
model	modeli
moisture	unyevu
molecule	molekyuli
mollusk	moluski
molten	iliyoyeyuka
monthly	kila mwezi

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ENGLISH	SWAHILI
Monera	Monera
monoculture	kilimo cha zao moja
moon	mwezi
motion	mwendo
motor	mota
mountain	mlima
mouth	mdomo/kinywa
movable pulley	kapi/roda ya kuhama
movement	mjongeo
movement of plates	mjongeo wa miamba chini ya ardhi
mucus	kamasi
muscle	msuli
muscle tissue	tishu za misuli
muscular system	mfumo wa misuli
mutation	mabadiliko
multicellular	yenye seli nyingi
multicellular organism	kiumbe hai chenye seli nyingi
<b>N</b>	
natural gas	gesi asilia
natural resource	maliasili
natural selection	uteuzi asilia
nebula	jamii ya nyota
negative	hasi
nervous system	mfumoneva
net force	kani kamili
neuron	nuroni/chembe ya neva
neutral	sio na sifa zinazobainika
neutron	nutroni
Newton	Newton
niche	kishubaka
nimbus	wingu la mvua
nitrogen	naitrojeni
noble gas	gesi ya kipekee
nonliving things	vitu visivyo hai
nonmetal	simetali
nonrenewable	isiyoundika upya
nonrenewable energy resource	rasilimali ya nishati isiyoundika upya
nonrenewable resource	rasilimali isiyoundika upya
nose	pua
nuclear energy	nishati ya nyuklia
nuclear fusion	muunganiko wa nyukla
nucleus	kiini cha atomu
nutrient	kirutubisho



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ENGLISH	SWAHILI
<b>O</b>	
object	kitu/kiolwa
objective	lengo
objective lens	lenzi shabaha
observation	kuangalia mandhari
observe	tazama
obtained	-imepatwa
occur	tokea
ocean	bahari
odor	harufu
offspring	uzao
omnivore	mlavyote
one-celled organisms	kiumbe chenye seli moja
ooze	kinamasi
opinion	maoni
orbit	mzunguko
order	mpangilio
organ	ogani
organ system	mfumo wa ogani
organelle	oganeli
organism	kiumbe hai
organize	panga/ratibu
original	asili
ovary	ovari
overabundance	kwa wingi kupita kiasi
overcome	kushinda/kukabiliana
overpopulation	idadi ya watu kupita kiasi
ovule	ovule
oxygen	oksijeni
ozone	ozoni
<b>P</b>	
parallel circuit	saketi sambamba
parasite	kimelea
parent cell	seli zazi
particle	chembe
pattern	ruwaza
pedigree chart	chati ya nasaba
perceive	tambua
percent, percentage	asilimia, asilimia
period	kipindi
periodic table	jedwali la elementi
permanent magnet	sumaku ya kudumu
pesticide	kiua wadudu
petroleum	mafuta ya petroli

Intermediate School Level Science Glossary

ENGLISH	SWAHILI
phases	hatua/sehemu
phenomena	tukio
phosphorus	fosforasi
photosynthesis	usanidimwanaga
physical	maumbile
physical change	mabadiliko ya kimaumbile
physical property	sifa ya kimaumbile
physical weathering	kukwajuka kimaumbile
picture	picha
pie	pai
pie chart	chati pai
pie graph	grafu pai
pistil	pistili
pitch	bereu
planet	sayari
plant	mmea
Plantae	Plantae
plasma	utegili/plazima
plate	mwamba mkuu
plate tectonics	msongo wa mwamba
poison	sumu
polar	ncha za dunia
pollen	chavua
pollinate	chavusha
pollutant	kichafuzi
pollution	uchafuzi
position	nafasi
positive	chanya
potential energy	nishati tuli
power of ten notation	kipeuo cha kizio cha kumi
precipitation	kunyesha kwa mvua
predator	mwindaji
predict	tabiri
predictable	tabirika
prediction	utabiri
presence	uwepo
preserve	hifadhi
pressure	shinikizo/kanieneo
prevailing	kuenea/sambaa
prevailing winds	pepo zinazosambaa
previous	iliopita/iliotangulia
prey	mwindwa
primary	msingi
probable	yamkini

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ENGLISH	SWAHILI
procedure	utaratibu
process	mchakato
produce	zalisha
producer	mzalishaji
product	bidhaa
prokaryotic	prokaryotiki
property	sifa
properties	sifa
protect	linda
protein	protini
Protista	Protista
proton	protoni
provide	kutoa
pulley	roda/kapi
Punnett square	mraba Punnett
pupa	pupa
purpose	madhumuni/kusudi
pushes and pulls	misukumo na mivuto
<b>R</b>	
radiation	mnururisho
radioactive	yenye mnururisho
radioisotope	isotopu yenye mnururisho
rarefaction	kundi adimu
rate	kiwango
ray	miali
react	tenda
reactant	kitendaji
rearrange	panga upya
reason	sababu/madhumuni
receive	pokea
recessive	-a kupungua
recessive gene	jeni ya kupungua
recognize	tambua
record	rekodi
rectum	rektamu
recycle	kutumia tena/kutengeneza upya
reduce	punguza
refer	rejea
reflect	akisi
reflection	uakisi
reflex	tendohiari
refract	kupinda
refraction	upindaji
regulation	mwongozo/kanuni
relationship	uhusiano

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ENGLISH	SWAHILI
relationships in organisms	uhusiano katika viumbe
relative humidity	-a unyevu
release	achilia
relevant	inayofaa/muhimu
remain the same	kubaki vilevile
remains	mabaki
renewable	kinachoweza kutengenezwa/kufanywa upya
renewable energy resource	rasilimali ya nishati inayoweza kutengenezwa/kufanywa upya
renewable resource	rasilimali inayoweza kutengenezwa/kufanywa upya
repair	karabati
represent	wakilisha
reproduce	zalisha
reproduction	uzalishaji
reproductive	uwezo wa kuzaa/uzazi
reptile	reptilia
required	inayohitajika
resist	pinga
resistant to	pinga kwa
resource	rasilimali
respiration	upumuaji
respiratory system	mfumo wa upumuaji
respond	jibu
response	itikio
responsible	-naye wajibika
restore	rejesha
result	matokeo
reuse	tumia tena
reverse	rudisha nyuma
revolution	mapinduzi/mzunguko
revolve	zunguka
rock	mwamba
rock cycle	mzunguko wa mwamba
role	jukumu/wajibu
root	mzizi
rotate	zunguka
rotation	mzunguko
runoff	churuzika
rust	kutu
<b>S</b>	
saliva	mate
salivate	kutokwa mate
samples	sampuli
scale	kipimo
scarce	haba

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ENGLISH	SWAHILI
science	sayansi
scientific (use appropriate scientific tools)	-a kisayansi (tumia vifaa vinavyofaa vya kisayansi)
scientific inquiry	upekuzi wa kisayansi
scientific investigation	uchunguzi wa kisayansi
scientific law	sheria ya kisayansi
scientific name	jina la kisayansi
scientific thinking	fikra za kisayansi
scrape	paruza
screw	parafujo/skrubu
sea floor spreading	mtandiko wa sakafu ya bahari
sea level	usawa wa bahari
season	msimu
secondary	-a upili
sediment	mashapo/masimbi
sedimentary rock	mwamba wa mashapo/masimbi
sedimentation	kufanya kuwa mashapo/masimbi
seed	mbegu
seedling	mche
seep	tiririka
select	chagua/teua
selective breeding	kuzalisha viumbe bora
sense	hisi
sense organ	ogani ya hisi
sequencing	kuandamanisha/kufuatanisha
series circuit	saketi mfuatano
settle	tulia/lowela
sewage	maji taka
sex cell	seli jinsia
sex cells	seli za kijinsia
sexual	kijinsia
shape	umbo
shell	koa
shield volcano	volkano ngao
shiver	tetemeka
significant	yenye umuhimu/maana
similarity	mfanano
simple machine	mashine rahisi
siren	king'ora
situation	hali
size	ukubwa
skeletal muscle	misuli ya kiunzi
skeletal system	mfumo wa kiunzi
shy	haya
small intestine	utumbo mdogo
smog	ukungu wenye moshi

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ENGLISH	SWAHILI
smooth muscle	misuli laini
soil	udongo
soil texture	umbile asili la mchanga
solar cell	seli ya jua
solar eclipse	kupatwa kwa jua
solar energy	nishati ya jua
solar system	mfumo wa jua
solid	yabisi
solidification	uyabisishaji
solubility	umumunyifu
solute	kioevu/kimumunyishwaji
solution	myeyusho
solvent	kiyeyusho
sound	sauti
sound recorder	kirekodi sauti
source	chanzo
space	nafasi
specialize	bobea
species	spishi
specific	mahususi
specimens	kielelezo
speed	kasi
sperm	mbegu za kiume
spill	mwaga
spinal cord	uti wa mgongo
spiral	-a mzunguko
sponge	sponji
spore	kiiniyoga
spring	mruko
spring scale	kipimo cha mruko
sprout	chipuka
squint	kengeza
stable	imara
stages	hatua
stamen	stameni
star	nyota
starch	wanga
state	hali
static charge	chaji tuli
static electricity	umeme tuli
stem	shina
stigma	makovu
stimulus	kiamshi
stomach	tumbo

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ENGLISH	SWAHILI
stopwatch	saa ya kupima wakati
strain	chuja/mkazo
strategy	mkakati
strato	-a juu
stratus cloud	mawingu ng'amba
streak	mfuo
structural adaptation	utohozi wa kimuundo
structure	muundo
sublimation	kurudisha dutu katika hali yake ya kawaida kwa mvuke
subsoil	udongo wa chini
substance	dutu
sugar	sukari
sulfuric acid	asidi sulfuriki
summarize	weka muhtasari/fupisha
sun	jua
supernova	supanova
support	tegemeza
surface	uso
survey	hojaji
survival	kuendelea kuishi
survive, survival	kuishi/kuendelea kuishi
swamp	kinamasi
sweat	jasho
switch	kubadili/swichi
system	mfumo
<b>T</b>	
table	meza
table salt	chumvi ya mezani
tadpole	kiluwiluwi
tape measure	chenezo
technology	teknolojia
telescope	darubuni
temperate	-a wastani
temperature	hali joto
temporary magnet	sumaku ya muda
terrestrial planets	sayari zenye mfumo wa jua
test	jaribio
theory	nadharia
thermal energy	nishati ya joto
thermometer	kipima joto
thunderstorm	mvua ya radi
tide	kupwa/mawimbi
tilt	inamisha

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ENGLISH	SWAHILI
tilted	imeinamishwa
time	muda
tissue	tishu
tool	kifaa
topsoil	udongo wa juu
tornado	kimbunga
trachea	koromeo
trade-offs	urari kinzani
trait	tabia
transfer	hamisha
transform	geuza/badilisha
transport	safirisha
transport system	fumo wa usafirishaji
transverse wave	wimbi kingamo
trench	mtaro
trial	jaribio
tropical	-a tropiki
troposphere	eneo la chini sana la anga
trough	kihori
tumor	uvimbe
turbine	tabo
type	aina
<b>U</b>	
unbalanced forces	nguvu zisizo na usawa
undergo metamorphosis	kubadilika umbo
unequal	isiyolingana
unicellular	-enye chembe moja
unifying themes	dhamira unganishi
unique	-a kipee
universe	ulimwengu
unstable	msukosoku/isiyolimara
<b>V</b>	
vacuole	vakuoli
valley	bonde
vapor	mvuke
variable	kigeugeu
variation	kubadilikabadilika
variety	aina
vascular system	mfumo wa mishipa
vascular tissue	tishu za mishipa
vegetable	mboga
vehicle	gari
vein	mshipa
velocity	kasi mwendo



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ENGLISH	SWAHILI
vertebrate	uti wa mgongo
vibrate	tetema
virus	virusi
visible	inayoonekana
visible light	nuru inayoonekana
vitamin	vitamini
volcanic activity	shughuli ya volkano
volcano	volkano
voltmeter	voltimita
volume	ujazo
<b>W</b>	
warm	vuguvugu
water	maji
water cycle	mzunguko wa maji
water vapor	mvuke wa maji
wavelength	urefu wa wimbi
weather	hali ya hewa
weathering	kukwajuka
wedge	kabari
weight	uzani
wheel and axle	gurudumu na mtaimbo
white blood cell	chembe nyeupe za damu
wind	upepo
wind vane	kionyesha mwelekeo wa upepo
wise	hekima
work	kazi
wrinkle	kunyanzi
<b>Z</b>	
zone	ukanda
zygote	yai lililotungishwa