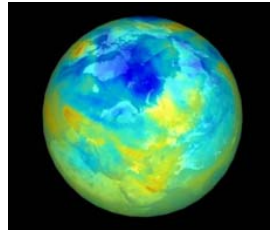


Glossary

High School Level Living Environment Glossary

English | Twi

Translation of Living Environment terms based on the Coursework for Living Environment Grades 9 to 12.



This glossary is to PROVIDE PERMITTED TESTING ACCOMMODATIONS of ELL/MLL students. It should also be used for INSTRUCTION during the school year. The glossary may be downloaded, printed and disseminated to educators, parents and ELLs/MLLs.

Please click [here](#) for the New York State Office of Bilingual Education and World Languages Webpage on "[Assessment and Testing Accommodations](#)"





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Living Environment Glossary - High School Level

ENGLISH	TWI
A	
Abandon	gya hɔ/gyae mu/gyaw to hɔ
Abbreviation	tiatwa
Ability	tumi/ahɔɔden (nea wutumi ye)
Abiogenesis	Onni nkwa-nkwanya (senea yenya nkwa fi nea nkwa nnim mu)
Abiotic	Onni nkwa (nea nkwa nnim)
abiotic factor	Onni nkwa farebae
Abortion	nyinsenyiguo/nyinsentugu
Absorption	adegyee/adetwee
Accomplish	wie
according to	sɛdeɛ ekyerɛ (senea/pɛpɛɛɛ ye)
Account	bu nkonta/akontabu
Accumulate	boa ano (boaboa ano)
Accurate	pɛpɛɛɛ
Acetylcholine	Asetaekolin
Acid	Asede (asid)
acid rain	asede nsuo
Acidity	asede gynabea
Acne	anim nsaa
Acquire	nya
acquired characteristics	esu a obi anya
acquired immunity	bammɔ a obi anya
acquired immunodeficiency syndrome (AIDS)	babasowerɛmfɔɔ yadeɛa ete bammɔ a obi anya so (AIDS)
Acromegaly	Akromigali (etire, nsa ne nan nyinimmosoɔ yadeɛ)
activation energy	ahɔɔden a nkwaboa hia ansa watumi ahyɛ dwumadie ase
active immunity	bammɔ a egyina ne nan so/bammɔ a egya wom
active site	beaɛɛ a egya wom
active transport	akɔnneabadie a egya wom
Activity	dwumadie
Adaptation	nsesaeɛ/nsakrae
Adaptive	nsesadeɛ
adaptive radiation	Nsesadeɛpu/nsesadeɛ a ɛpu
adaptive value	nsesadeɛ muduro
Addiction	deɛ aka obi hɔ (nkahɔ)
Additional	deɛ ɛka ho
Adenine	nkwammoa mu nhyehyɛɛ no bi (adenin)
adenosine diphosphate (ADP)	nkwaboa a ɛboa kora ahɔɔden (adenosine diphosphate (ADP))
adenosine monophosphate (AMP)	nkwaboa a ɛboa yi sesa aduane ye no ahɔɔden (adenosine monophosphate (AMP))
adenosine triphosphate (ATP)	nkwaboa a ɛkora ahɔɔden a nipadua no de di nkwanmoa ahodoɔ ho dwuma (adenosine triphosphate (ATP))
Adequate	Mudie/ɛso pɛpɛɛɛ/eye/ɛfata
Adhesion	Mfameeɛ/nkyereeɛ
adipose tissue	ɛnam a ɛye sradeɛ akoraɛɛ a ɛkora ahɔɔden
Adolescence	Abaayaewa anaase abarimaa berɛm (mmabun bere)
adrenal cortex	akwaa a ɛwɔ wo saabo soro pɛɛ no fa a wohunu

Living Environment Glossary - High School Level

ENGLISH	TWI
adrenal gland	akwaa a εwɔ wo saabo soro pɛɛ
adrenal medulla	akwaa a εwɔ wo saabo soro pɛɛ no mu a wonhunu
Adrenaline	Anigyedɛɛ (ade a εma yenya ahɔɔden de di ehu/ɔhaw so)
adrenocorticotrophic hormone (ACTH)	nkwammɔa a εkora akwaa a εwɔ wo saabo soro pɛɛ no (adrenocorticotrophic hormone (ACTH))
Adsorption	Efi tweɛ (gas mu nneɛma nketenkete a εka biribi so)
Adult	Panin
Advantage	Deɛ εyɛ wɔ ho/akwanya
Aerobe	εrobo (aboa a ɔsegyen nko ara na εma ɔtumi tena nkwa mu)
Aerobic	εrɔbeke (akoma ne ahurututuo mu ateneateneɛ)/εrɔbeke (ɔsegyen dwumadie) (Biribi a egyina osegyen so na εyɛ ade/ tena ase)
aerobic respiration	εrɔbeke homeɛ
Aerosol	εrɔsɔɔ (mporoporowa a εtumi sensen mframa mu)
Afterbirth	Awɔɔ akyiri adeɛ
Agar	Aga (adeɛ a yede ma biribi mu pi anaa εkyere)
Agarose	Agaros (ade titire a εwɔ aga mu)
Agglutination	Nkekammɔho
Agglutinin	Aglutinogyen/nkabomdeɛ (deɛ εma nneɛma keka bom)
Agglutinogen	Aglutinogyen/nkabomdeɛ hyehyefɔɔ
Aging	Onyini
Agricultural	Kuayɔdeɛ
Agriculture	Kuayɔ
AIDS (acquired immunodeficiency syndrome)	AIDS (Babasowerεmfo yadeɛ a εte bammɔ a obi anya so)
Ailment	Yareɛ
air pollution	Mframa seeɛ
air sac	mframa bɔtɔ
air space	Ewiem
Albinism	Ofiriyɛ
Albino	Ofiri
Albumen	Kosua mu fitaa
alcoholic fermentation	nsa a εka
Algae	Apotobibire
algal bloom	apotobibire nyini
alimentary canal	ɔkwan a aduane fam firi w'ano kɔsi wo to
Alkaline	aakalaen (nkyenkyene a asede/asid wom)
all or none response	ne nyinaa anaa εnyɛ mu biara anoyie
Allantois	alantɔse (akwaa a εfam yafunum ba ho)
allele (s)	alele (nkwaboa bi mu nkyekyemu ahɔɔɔ anaa emu bi)
Allergic	akyirideɛ
allergic reactions	akyirideɛ nsunsuansɔɔ
Allergy	akyirideɛ
alter (ed)	sesa/asesadeɛ
altered gene	nkwaboa a wɔasesa mu
alternation of generation	awɔɔ ntoatoasɔɔ nsesaɛɛ
Alveolus	alviolɔso/tokuro (nipadua mu tokuro kumaa bi/kotoku ketewa bi a εwɔ ahurtutu mu)
Ameba	amiba/aboawa

Living Environment Glossary - High School Level

ENGLISH	TWI
amoeboid movement	aboawa a ne nanteɛ ma no tumi sɛ amiba
amino acid (s)	nnuanennuro
amino group	nnuanenuro akuo
Ammonia	amonia/awɔhwenem (aduro bi a ɛtumi yɛ nsuo anaasɛ mframa ne pampan wowɔ hwenem/ano yɛ den)
Amniocentesis	nyinsɛn ho nsuotwɛɛ (nyinsɛn ho nsu a wɔtwɛ de yɛ nhwenhwɛmu)
Amnion	bɔtɔ bi a ɛda mogyatoa ho pɛɛ
amniotic fluid	nyinsɛn ho nsuo
Amount	dodoɔ
Amphibian	amfiban/apɔtorɔ abusua (Aboa a otumi tena nsu mu ne asase so)
Amylase	mmoawa a wɔdi dwuma wɔ setaakye mu (mmoawa a wɔdan setaakye yɛ no asikire)
Anabolism	kwan pa nipadua no fa so sesa aduane yɛ no ahodɛn
Anaerobe	aboa a ɔnhia ɔsegɛn anaa mframa na ɔde anya nkwa
Anaerobic	dɛɛ ɔnhia ɔsegɛn anaa mframa na ɔde anya nkwa
Analgesic	yaw aduro
analogous structure	nhyehyɛɛɛ a ɛɛɛ
Anaphase	anafesɛ (nkwaboa mu nkyekyɛmu berɛ a ɔfa bi twe kɔ ɔfa foforɔ bi ho)
Anatomy	nipadua mu nhwehwɛmu
Androgen	annrogɛn (nkwaboa a ɛpagya barima akɔnnɔ)
Anemia	aneemia (mogyasɛɛɛ/mogya so atew)
angina pectoris	ɛbo twetwɛɛ yareɛ
Animal	aboa
Ant	ntetɛa
antenna (e)	mfemfem
Anterior	animu
Anther	mmɔmuma
antibiotic (s)	aduro a ɛkum yaremɔa
Antibodies	nipadua akwaa ahodoo a eko tia nyarewa
Antibody	nipadua akwaa a eko tia nyarewa
Anticodon	antikodon (protein mu mpaapaemu ho nkwaboa bi a ɔkyerɛ nnuanennuro dwumadie wɔ mpaapaemu no mu)
Antigen	antigɛn (nipadua mu hɔhɔɔ)
Antihistamine	antitistamen (aduro a yɛde sa akyiwadɛɛ)
Antiseptics	antisepteke (mmoawa ano aduro)
Antitoxin	antitɔsɛn (nipadua aduro a ɔde si awuduro ano)
Anus	turumu
Aorta	ntini
aortic arch	ntini a ɛnam mogyatoa ho no fa bi
aphotic zone	ɛpo bunu mu a awia nka hɔ papa
Appearance	Opue/ɛda adi/epue
Appendage	mfamho
Appendicitis	apɛnnese hono
Appendix	apɛnnese
Apply	fa yɛ/fa di dwuma
Appropriate	mudie
Approval	ɔpeneɛɛ
Aquaculture	Nsunam yɛn

Living Environment Glossary - High School Level

ENGLISH	TWI
Aquarium	nsutadee a esi fie
Aquatic	Nsudee
Arid	Akwawee/nsu ho ye na
Arrow	Pea
Arteriole	Ntini fa bi
Artery	Ntini (dee ede mogya firi akoma mu bre nipadua no)
Arthritis	Apssoyee
artificial selection	ayemmao ne mfudee mu sa
asbestos	nsurogya (adee bi a enhye)
ascending colon	nsono akesee no fa a ewo soro koraa
ascorbic acid	vitamin c (nnuaba ne nhaban mu aduaneduro bi)
asexual	kyiri-mpasogoro
asexual reproduction	awoo a ennam mpasogoro so
asexually	kyiri-mpasogoro kwan so (kyi/empe nna)
ash	Nso
aspen	asepen/awosodua (amerika dua bi a n'ahaban woso pa ara)
assembled	ahyehyede
assimilation	omene (se obi/nnipa dodow bi gye biribi tom/amammer bi tom)
associate	fa bata ho (fa wo ho bo obi/biribi ho)
association neuron	nkwamboa ho abataabata
assuming	Resusuo
assumption	nsusuie
aster	dubena bi
asthma	Ntehyeewa
astigmatism	Amuamuani (ani so wisiwisi ye/nhu ade yiye)
atherosclerosis	mogya ntini mu sralee
athlete's foot	nnansowa ntam kuro
atmosphere	beae tebea (ahummu/wim)
atmospheric	beae tebea (wim tebea)
atmospheric temperature	beae/wim tebea hye a eye
atom	atom
atomic mass	atom mu duro
atomic number	atom noma
ATP (adenosine tri-phosphate)	nkwaboa a ekora ahoden a nipadua no de di nkwanboa ahodo ho dwuma (adenosine triphosphate (ATP))
atria	akoma soro fam
atrium	akoma no mu kwan a egye mogya firi nipadua no mu
attach	fa tare ho (fa ka ho)
attack	ko tia
attempt	pone ho/ye se (so hwe)
auditory canal	asomu kwan
auditory nerve	asomu ntini
auricle	akoma no mu kwan a egye mogya firi nipadua mu no mu baako
autoclave	ohye susudua
automobile	loore
autonomic nervous system	dwumadie a nnipadua no nhye da nye nso esie
autosome	nkwanboa biara a enye nna mu nkwanboa
autotroph	adee biara a eno ara tumi de nnuanennuro siesie ne ho

Living Environment Glossary - High School Level

ENGLISH	TWI
autotrophic	ahodden a adeɛ bi a ɛno ara tumi de nnuanennuro siesie ne ho wɔ
autotrophic nutrition	sɛ adeɛ bi de nnuanennuro besiesie ne ho
auxin	deɛ ɛma nkwammoa yɛ tentene (nea ɛma afifide ntini ne nhwiren ba)
availability	sɛ biribi wɔ hɔ
available	wɔ hɔ
axis	nkyɛmu
axon	nkwammoa akwaa bi a ɛdi dwuma wɔ nkwammoa no nkyɛn baabi kora
B	
bacteria	yareɛ mmoawa
bacterial	yareɛ mmoawadeɛ
bacterial infections	mmoawa yadeɛ
bacterial pneumonia	mmoawa nimonia
bacteriophage	aboawa a ɔko tia yareɛ aboawa foforɔ/vaalɔso a ɔkotia yareɛ mmoawa
bacterium	yareɛ mmoawa a wɔnni honam fasuo
balance	Okyim (ɛyɛ pɛ)
balanced diet	aduanɛ a nnuanennuro ahodoɔ wɔ mu sɛnea ɛsɛ.
ball and socket joint	apɔ ne apɔ so nnompe ntokuro
bare	Wateraa (ɛho da hɔ pefee/kwatrekwa)
bark	bena
barnacle	nsunam a ɔwɔ tonturaa
basal metabolic rate	sɛdeɛ aboa bi pu ɔhyew berɛ a ɔregye n'ahome
base	aseɛ
base-pairing	aseɛ nhyehyɛɛ
bass	nsunam a yewe
beak	anomaa ano
bear	osisire
beaver	aboa bi a ne dua ne ne se yɛ tɛtrɛtɛ.
beetle	asorɔmmɔdwe/amankuo
behavior	Suban
behavioral	subandɛ
benedict's solution	Benedict aduro
benthos	Nsu ase mmoa
beriberi	kakawerewere
bias	nkotia/asofa/animhwe
bicarbonate	nkyene a kaabɔn asede wom
biceps	Anantuo
bicuspid valve	valve a ekura osiakwan mmienu
bilateral symmetry	nkyɛmuɛ mmienu
bile	bɔdwoma
bile duct	bɔdwoma bɔtɔ/kwan
bile pigment	ahosuo a ɛnam bɔdwoma so
binary fission	nkwammoa mu nkyɛmu mmienu
binomial nomenclature	nkwadeɛ dintɔ
biochemical processes	nkwadeɛ mu nnuroyɛ akwan
biochemistry	nkwadeɛ mu nnuroyɛ adesua
biodegradable	adeɛ a mmoawa tumi see no

Living Environment Glossary - High School Level

ENGLISH	TWI
biodiversity	nkwadeɛ mu sonobi-sonobi
biogenesis	nkwadeɛ a yenya firi abɔdeɛ oforoɔ mu
biogeochemical cycle	nnuanennuro nnanemu wɔ atenaɛ ne abɔdeɛ ntam
biological catalysis	akwaa bi a ɛboa ma dwumadie kɔ so ntem wɔ nkwanmmoa mu
biological control	sɛ wode abɔdeɛ bi bɛsi abɔdeɛ oforoɔ kwan nkwanmmoa
biological magnification	mnea ana nnuane ahodoɔ reko nsuo mu ama nsunam adi ama nnipa nso abedi nsunam
biology	nkwadeɛ ana abɔdeɛ a nkwa wom ho adesua
biomass	nkwadeɛ dodoɔ a ɛwɔ beaɛ bi
biome	atenaɛ a yegyina nkwaɛ a ɛwɔ ho so kyere mu
bioremediation	wode nkwaɛ bi rekotia asase mu mnea anaase awuduro bi
biosphere	asase ani fa a nkwaɛ wɔ
biotechnological	deɛ ɛfa nkwaɛ akwaa binom dwumadie wɔ nhwehwɛmu kwan so
biotechnology	nkwadeɛ akwaa binom dwumadie wɔ nhwehwɛmu kwan so
biotic	deɛ ɛfa nkwaɛ ho
biotic factor	deɛ ɛfiri nkwaɛ bi
birch	kotere amforo dua
birth canal	awoɔ kwan
birth control	awoɔ anosie
birth rate	awododoɔ
biuret test	sɔhwɛ a wode aduro a wode kyere sɛ dwonsɔ biribi mu di dwuma
bladder	dwonsɔtwaa
blade	Yiwan
blastula	mogyatoa wɔ mfiaseɛ koraa
blending inheritance	abɔseɛ a ɛfiri afa mmienu nkabom mu
blind spot	deɛ obi abu n'ani agu so
blinking	anibo
block	akwansie
blood	Mogya
blood cavity	mogya tokuro
blood circulation	mogya foro sane
blood clotting	mogyada
blood group	mogya mu kuo
blood plasma	Mogya mu nsuo
blood platelet	mogya mu nkwanmmoa ntraantra a ɔma mogya da
blood pressure	mogya anɔden
blood smear	mogyaa wode agu ahwehwɛ so reye nhwehwɛmu
blood sugar	asikyire dodoɔ a ɛwɔ mmogya mu
blood transfusion	mogyagyee (mogya a wode ma)
blood vessel	mogya ntini
boil	mpɔmpɔ
bond	ɔfam/twaka
bone	dompe
bone marrow	dompe mu ekyim/ɛko/hon
booklet	nwomawa
botany	nnua ne nhweren afuo
Bowman's capsule	Bowman bɔtɔ a ɛkora obi saabo fa bi
brain	Adwene/amemene

Living Environment Glossary - High School Level

ENGLISH	TWI
brain stem	adwenem nhini
bread mold	paano huraeε/fum
breathing	ahomeε
breeding	awoɔ
briefly	tiawa mu
broccoli	brokoli (kabegyι abusuanι)
bronchitis	εwa
bronchus	doroben a εde mframa firi menem kɔ ahurututuo mu no mu baako
bubble	ahuro
bud	dua ani
budding	dua a εrefifire
buffer	pampim/bammɔ
bulb	bɔɔbo/bɔlb
burn	nhyehyee/hyew
C	
cabbage	kabegyι
calcium	kalsiɔm (dompe mu aduaneduro)
calcium carbonate	kalsiɔm kaabonate
calibrate	susudua ho nsensaneeε
calorie	deε yede susu ahɔden anaa sra deε dodoɔ a εwɔ aduane mu
calorimeter	afidie a yede susu biribi hyee
cancer	kokoram
canopy	nkatasoɔ
capacity	ahɔden
capillary	mogya ntini nketewa
capillary action	nsuo anamɔntuo wɔ akwan nketewa pa ara mu
carbohydrate	kabohaedrete (nnuanennuro a εma nipadua no ɔhyew ne ahɔden)
carbohydrate (s)	kabohaedrete ahodoɔ (nnuanennuro a εma nipadua no ɔhyew ne ahɔden)
carbon	mframa
carbon cycle	mframa nnanemu
carbon dioxide	mframa a yehome pue
carbon fixation	nkwa deε de kaabɔn daasaede rehye deε etumi porɔ bi mu
carbon monoxide	Mframa bɔne a mfidie pu ba
carbon-containing	deε mframa wom
carboxyl group	asede mu aduro bi
carcinogen	aduro a εbetumi ama obi anya kokoram
cardiac muscle	εnam a εno na εkora akoma no mu nneema nyinaa no
cardiovascular disease	akoma anaa mogya ntini mu yareε
carnivore	aboa a ɔwe mogyanam
carnivorous	deε ɔwe mogyanam
carotene	deε εma akokɔsra deε ahosuo wɔ abɔ deε ahodoɔ mu
carrier	ɔsoafɔɔ
carrying capacity	adesoa mu ahɔden
cartilage	apɔ so ntini a emu ye den
catabolism	kwammɔne a nipadua no fa so sesa aduane ye no ahɔden a εmɔa no

Living Environment Glossary - High School Level

ENGLISH	TWI
catalase	nkwammo a ema haadrogyen sesa ye ɔsegyen ne nsuo
catalyst	adeɛ a ema dwumadie bi ko so ntem so
caterpillar	osa/esa
catfish	Adwene
cattail	Demire
caudal fin	podua/bodua
caudal vertebra	akyire dompe mu nkyemu a ewɔ fam no mu baako
caudatum	dua mu
cauliflower	kɛliflawa
cell	Nkwammoa
cell body	nkwammoa dua
cell cycle	nkwammoa nnanemu
cell division	nkwammoa nkyemu
cell membrane	nkwammoa honam
cell plate	ɛnam a ɛbea beaɛɛ a nkwammoa bi nkyemu hyɛ aseɛ a ɛno na ɛbetwa nkyemu mmienu a ɛɛfiri mu aba no ntam
cell respiration	nkwammoa homeɛ
cell specialization	nkwammoa biara ne ne dwumadie soronko
cell theory	nkwammoa ho adwenemusuo
cell wall	nkwammoa fasuo
cell-mediated immunity	nkwammoa bammɔ wɔ awummoa ho
cellular respiration	nkwammoa homeɛ a ema no ahɔɔden de di ne dwuma
cellulose	nnua nkwammoa fasuo mu aduro bi a yɛde ye krataa
Celsius	Sɛɛsɛɔso (deɛ yɛgyina so susu biribi hyɛɛ
Celsius scale	Sɛɛsɛɔso susudua
centigrade	sɛɛsɛɔso susudua
centimeter	sɛntimita
central nervous system	deɛ ɛde atenka kɔma adwene no ma no kyerɛ mu
centrifuge	sɛntrifugyi (afidie a ɛtwa ne ho ntem so de kyekye nneema a afrafra mu)
centriole	mmoa mu nkwammoa fa bi
centromere	sɛntromiɛ
centrosome	sɛntrosɔm
cereal group	ayuo abusua
cerebellum	sɛrebɛlɔm (adwene fa kɛsɛɛ baako)
cerebral cortex	sɛrebɛlɔm no fa bi a ɛkura akokɔsradeɛ ahosuo
cerebrospinal fluid	akyiribrɛmo mu nsuo
cerebrum	sɛrebɔm (adwene no soro)
certain	pɔtee
cervix	awodeɛ ano
challenge	sɔhwɛ/ɔhaw
chemical	Aduro
chemical bond	aduro mu mfamyɛ
chemical equation	aduro nkontaa nhyehyɛɛ
chemical formula	aduro nhyehyɛɛ kwan
chemical reaction	aduro nsunsuansoɔ/dwumadie
chemoautotroph	kɛmɔtɔtrɔf (aboa bi a ɔnam nkwammoa mu nnuro dwumadie binom so nyini a ɛnye deɛ ɛnam awia so)

Living Environment Glossary - High School Level

ENGLISH	TWI
chemosynthesis	nnuro mu mpaapaemu
chemotherapy	kemoterapi (kwan a yefa so de nnuro sa yeree)
chemotropism	deɛ ɛfa kemoterapi ho
chicken pox	buropete
chipmunk	amoakua
chitin	kyeten (mmoa bi abena)
chlorine	klone (aduro a yede te nsuo ho/ani)
chlorophyll	klorofel (deɛ a ewɔ nhaban so a ɛboa ma wɔyɛ wɔn aduane)
chloroplast	kloroplast (deɛ ɛkora klorofel)
cholera	ayamtuonini
cholesterol	kɔleserɔl (sradeɛ mu adeɛ)
chordate	kodeeti (mmoa mu abusuakuo bi)
chorion	korion (awoɔ akyire adeɛ fa bi)
chromatid	kromatede (nkwammoa mmienu a aka abom mu baako)
chromatin	kromaten (nnuanennuro fa bi)
chromatography	kromatografi (kwan bi a wɔfa so kyɛ mframa ne nsuo mu)
chromosomal alteration	kromosom mu nnanemu
chromosomal recombination's	kromosom nkabom
chromosome	kromosom (aboa anaa dua nkwammoa mu fa bi)
chyme	kyeme (yafunu mu aduane a ayam agu nsono mu)
cilia	silia (nkwammoa fa bi a ewoso boa ma nkwammoa no nante)
ciliary motion	anamɔntuo a enam silia so
circulation	ntopetee
circulate	to pete
circulatory	deɛ ɛfa ntopetee ho
circulatory system	ntopetee dwumadie
claim	deɛ obi reɛ/deɛ obi rekyere
class	klaase/ɔfa
classification	nkyekyemu
classify	kyɛ mu
clawed	deɛ wafa ɔyaw bi mu
cleavage	ɔbaa nufu ntam (biribi a emu apae/akye)
climate	beaɛ bi tebea wɔ bere tenten mu
climax community	mmoa, nnua ne mmoawa tenabea
climax	mmoa asetena nnidisɔ nnidisɔ a ɛtwa toɔ (awiei)
climax	mmoa asetena nnidisɔ nnidisɔ a ɛtwa toɔ (awiei)
clipping	ɔfa a wɔatwa afiri mua ho
clone	asesedeɛ (biribi a edi nse)
cloning	kwan a wɔfa so ma nneema bi sese
close circulatory systems	mogya dwumadie bi a mogya no gyina ntini ahodoɔ no mu
coacervate	Koaseveeti
coal	asasebiri/asasebidie
coarse adjustment	adeɛ a ano ano nye torontorom mu nnanemu
coast	Mpoano
coastal ocean	mpoanim, baabi a nnipa di agoro san yi nam
coastline	mpoano pee
cocci	baatiiria/aboawa
coccus	baatiiria/aboawa

Living Environment Glossary - High School Level

ENGLISH	TWI
cockroach	tɛfrɛ
cocoon	Amankuo
codominance	tebea bi a nkwammoa tumi kom
codon	kodon (nkwammoa mu nhyehyɛɛ bi)
coenzyme	koensaem (nkwammoa fa bi a ɛyɛ nnuanennuro bi)
coevolution	nkwadɛ binom a wɔdan wɔn ho mu nnanemu
cohesion	asetena a asomdwoɛ wom (nkabom, koroyɛ)
cohesive force	dɛɛ ɛde asetena a asodwoɛ wom ba
collect	gye/anoboa
collecting duct	bɔtɔ biribi boa ano wom
colloidal dispersion	kolɔede petɛɛ
colon	nsono awieɛɛ
colony	mmoa tenabea anaa anoboa
color blindness	dɛɛ ɔntumi nna nsonsonoɛɛ a ɛda ahosuo ahodoɔ mu adi
coloration	ahosuoyɛ
combat	ko tia
combination	Nkabom/ka fra
commensalism	twaka a ɛda akuo bi ntam a baako ma ɔfoforɔ no aduane a ɔnnye akyire biribiara
common	dɛɛ obiara nim
common ancestor	dɛɛ dodoɔ no ase firi no
common cold	Papun
communicable	nsan yareɛ
communication	Nkutahodie
community	mpɔtam
competition	Akansie
competitive exclusion principle	asetena mu mmara a ɛkyerɛ sɛ nkwadɛɛ akuo mmieniu ntumi mpere adeɛ baako ho berɛ korɔ no ara mu ma no nye yie
complementary	dɛɛ ɛka ho ma no ye mua
complete protein	aduaneduro a ɛkura nnepa nkoron a ɛhia ma nipadua no nyinaa
complex multicellular	nkwadɛɛ a ɛkura nkwammoa ahodoɔ kuntann a ɛboro baako
complexity	afaafa hwanyann
compost	nnua ne nhahan a aprɔ agu asase mu
compound	aduro mmɔho
compound eye	aboa bi ani a ɛwɔ dɛɛ ɛhunu adeɛ bebree
compound light microscope	maakrosukopu a ɛkura ani ahodoɔ a ne kanea to mfonini no to dɛɛ ɔrehwɛ no ani so
compound microscope	maakrosukopu a ɛtumi twe adeɛ a ɛwɔ akyire ba anim yie
concentration	dɛɛ ɛwom dodoɔ
concentration gradient	susudua a wɔde susu biribi dodoɔ a ɛwɔ adeɛ bi mu
concept	adwenepɔ
conception	adwenepɔ hyehye
concerning	dɛɛ ɛfa biribi ho
conclusion	awieɛɛ
condensation	nsunaneɛɛ
conditioned reflex	nneyɛɛ bi a ɛgyina biribi so
conditioning	dɛɛ ɛnam so
conduct	suban/di dwuma

Living Environment Glossary - High School Level

ENGLISH	TWI
conduction	Ɔkwan a ɔhyew fa so fa biribi mu
cone	aduaba bi/bɔbea bi
conifer	konifa (nnua akukuo bi)
coniferous	nnua akuo bi a eyɛ konifa pii
coniferous forest	kwaɛɛ bi a eyɛ konifa pii
conjugation	kwan a nkwadɛɛ binom fa so ma wɔn ase dɔre
connective tissue	Ɛnam ahodoɔ a ehyehye nipadua akwaa atitire no ntam
conservation	akoraɛɛ
conservation of environment	atenaɛɛ akoraɛɛ
considered	wɔahwɛ no/dwene ho
constipation	Ayamtim
construct	si
consumer	deɛ ɔdi anaase ɔto biribi
contain	kora
content	deɛ ɛwom/sɛ biribi ye ma wo
contour farming	bepɔ anim afuoyɛ
contour ploughing	bepɔ anim funtum
contraception	kwan a wɔfa so de aduro si awoɔ ano kwan
contractile vacuole	akwaa a ɛkyen ne ho de pu nsuo wɔ nkwammoa mu
contribute	ye wo fam deɛ
control	sɔ ano/anosɔ/di so
controlled experiment	nhwehwɛmu a woyɛ no beaɛɛ a wotumi sosɔ nneɛma ano
controlled variable	nhwehwɛmu fa bi a wɔakyerɛ deɛ ɛwɔ sɛ ɛfiri mu ba anaase wɔanya so nkɛntɛnsɔ
convergent evolution	nkwadɛɛ soronko soronko binom mu akwaa korɔ mu nsesaɛɛ
convert	dane/sesa
convulsion	ɔsoro aka obi/adeɛ atɔ obi so
coordinating system	kwan a wɔfa so de nɔma ahodoɔ kyere biribi gyinabea (nhyenhyɛɛ a wɔde toto nneɛma yiye)
coordination	sɛdeɛ akwaa ahodoɔ bom di dwuma.
coral	koral (nsunam nketewa dompe mu adeɛ dennen bi a yede ye kɔmuadeɛ)
coral reef	koral ahodoɔ a aboa ano
coronary circulation	mogya dwumadie wɔ akoma mu
coronary artery	mogya ntini a ɛwɔ akoma mu
corpus luteum	akwaa bi a eyɛ akokɔsradeɛ a ɛba baabi a ɔbaa to kosua fire, bere a wato awie
cortex	akwaa bi akyire honam
cortisone	nkwammoa bi a yede sa dompe mu yaw
cotyledon	aba akwaa a eyi nwura a ɛdi kan
covalent bond	mfamyɛ a ɛwɔ atɔm ntam a ɛnam ɛletrɔnso so
cover	mmuasɔɔ/bua so/kata so/nkataso
cover crop	nwura a ɛka asase so a ɛmma nsuo nhohoro asase no nkɔ
coverslip	adeɛ a yede kata biribi so de hwɛ wɔ maakrosukopu mu
Cowper's gland	akwaa mmienu bi a eyɛ akokɔsradeɛ a ɛwɔ adwonsotwa no soro
Cranial nerve	ntini a ɛfiri adwene no mu wurawura tikwankora no mu de ba nipadua no mu
crayfish	nsunam bi a ɔwɔ nan num ne abena

Living Environment Glossary - High School Level

ENGLISH	TWI
crescent	biribi a emu akom anaa akoo
cretinism	akosokoe yaree
cricket	abebe abusua
crisp	tebea bi a eye kama
crop	mfudee/nnobaee
crop rotation	afuye a wosesa nnobaee a wdua
crop breeding	nnobaee mu nnanemu
crop fertilization	wode nnuanennuro regu asase mu ama nnobaee
crop pollination	sedee nnobaee nya dee ebema no aso
crossing-over	sedee nkwamooa dane akwaa ahodoɔ ma bere a ne mu rekye
crustacean	ɔkɔɔ abusua
cryptic coloration	ahosuoye a esesa aboa bi bɔbea
cultivated plant	nnua a yedua wɔ deeso ho
culture	amammere
currently	seesei ara/mprempren
cuticle	mmɔwere ase nam
cutting	ntwitwasoɔ
cycling	asetena mu nnanemu
cyclonic	beaee tebea seso (wim tebea a ennye)
cysteine	sesteen (nnuanennuro bi)
cytokinesis	nsesae a eba wɔ nkwamooa nkyemu akyi
cytolysis	nkwamooa seee
cyton	nuuklɔso (nkwamooa mu akwaa titire) mfimfini
cytoplasm	saetoplasem (nkwamooa fa a nuuklɔso nka ho)
cytoplasmic division	saetoplasem nkyekyemu
cytosine	saetosin (nkwamooa nhyehyeee no mu bi)
cytoskeleton	nnuanennuro nketenketee a ewɔ saetoplasem mu a ema no tumi gyina ne bɔbea ne ne hyehyebaa mu
D	
damage	adesee
dangerous	dee ɔhaw wɔ ho (nea asiane wɔ ho/nea eye hu)
dark reaction	nnua nnuane ho dwumadie a etumi kɔ so bere a kanea nni ho
Darwinism	Darwin adwenemusɛm (adwenemusuo bi a efa nkwaadee afoforɔ a wɔfiri mmoa ne nnua adadafoɔ bi mu aba ho)
data	nsem
daughter cell	nkwamooa a ɔfiri foforoɔ mu aba
deamination	woreyi nnuanennuro fa bi a eye awuduro afiri mu
decay	porɔee
deciduous	dee efa dua a eporo n'ahahan bere bi mu wɔ afe no mu ho
deciduous tree	dua a eporo n'ahahan bere bi mu wɔ afe no mu
decomposer (s)	dee ema nkwaadee bi a awu porɔ
decomposition	ɔkwan mmoawa fa so porɔ adee
decrease	te so
defecation	agyanan basabasaa
defective	sinto
defective gene	nkwamooa sinto
deficiency disease	yaree a enam nnuanennuro bi a enni nipadua no mu so ba

Living Environment Glossary - High School Level

ENGLISH	TWI
defoliation	worema nnua aporo wɔn ahaban
deforestation	Nnuabubuo (kwae a wɔsɛɛ no)
degeneration	worete biribi mudie so
dehydration	nipadua anaase nkwadeɛ mu nsuweɛ
dehydration synthesis	nkwadeɛ mu nsuweɛ ho mpaapaemu
dehydrogenase	nkwammoa bi a ɔma haadrogen soteɛ kɔ soro
deletion	Apepa/popa/yi fi hɔ
demand	adepeɛ
demographic transition	worefa akwan bi so ama nnipa dodoɔ a ɛwɔ baabi agyina deɛ ɛgyina
demography	nnipa dodoɔ, awoɔ, owuo, awareɛ ne yareɛ ho adesua
denaturation	woresesa aduaneduro bi bɔbea mu
dendrite	nkwammoa mu akwaa bi a ɛde awosoɔ kɔ nuurɔn no ho
denitrification	worete naatreti so wɔ asase mu
denitrifying bacteria	aboawa a wɔde no te naatreti so wɔ asase mu
density-dependent limiting factor	nneɛma te sɛ aduane a ɛwɔ nsunsuansoɔ wɔ nkwadeɛ a ɛwɔ baabi dodoɔ so na, ɛsan gyina nkwadeɛ dodoɔ a ɛwɔ hɔ no so
density-independent limiting factor	nneɛma te sɛ atoyerɛnkyem a ɛwɔ nsunsuansoɔ wɔ nkwadeɛ a ɛwɔ baabi dodoɔ so na, ɛsan gyina nkwadeɛ dodoɔ a ɛwɔ hɔ no so
deoxyribonucleic acid (DNA)	nkwammoa molekusi mu hene a ekura bɔbea ho nsem (DNA)
deoxyribose	dna mu akwaa bi
dependent variable	ɔfa bi a deɛ ɛfiri mu ba gyina afoforo bi so
deplete	te so/sa a biribi sa
depletion	worete biribi so
depressant	deɛ ɛma obi ye bɔtee anaase mre
dermis	honam mu fitaa
desalination	woreyi nkyene afiri nsuo mu
desert	mpapɛ/sareso
desertification	mpapɛye
desirable	deɛ ani gye ho
destroy	sɛɛ
destruction	ɔsɛɛɛ
detect	hwehwe/hunu
detection	worehunu
determine	kyere
detoxication	woreyi awuduro
detrimental	ɛde ɔhaw beba
detritus	mporoporowa
development	mpuntuo
deviation	Woreti/fom/tow fom
dextrose	nnuaba mu asikyire
diabetes	asikyire yareɛ
diagram	mfonini
dialysis	saabo mu ayaresa
diaphragm	enam a ehye w'ahurututuo ne w'adiditwaa ntam
diarrhea	ayamtuo
diastole	akomabɔ (berɛ a akoma no mu bae)
diastolic pressure	akomabɔ mu ɔhye
diatom	dayatom (aboawa bi)

Living Environment Glossary - High School Level

ENGLISH	TWI
dichotomous	worekye biribi mu mmienu
dichotomous key	ɔkwan anaa safoa a wɔde kye biribi mu mmienu
died off	awu asa (nkwadee dodoɔ bi)
diet	aduane
differ	sononko
differences	nsonsonoeɛ ahodoɔ
differentiation	akwan ahodoɔ a nkwammoa binom fa so nyini (kyere biribi mu nsonsonoe)
diffusion	molekusi nante a wɔnam so firi beaee bi ko beaee foforo (se biribi pete/trɛw)
digest	yam aduane (wɔ wo yam)
digestion	aduaneyam
digestive enzyme	dee eboa aduaneyam
digestive juices	nsunnuane ahodoɔ a ema aduaneyam ye mre
digestive system	dwuma anaa akwam ahodoɔ aduane nam so yam
dihybrid	ɔba a ɔfiri awoforo a wɔfiri nkwammoa sononko mmienu mu
dihybrid cross	wode awoforo a wɔfiri nkwammoa sononko mmienu mu rehyia ama ede ɔba aba
dilation of blood vessel	mogya ntini mu bae
dimorphism	nkwadee abusuakuo bi a wɔkura esu sononko mmienu bi
dinosaur	daanosɔɔ (denkyem abusuakuo no mu bi a wɔn ase ahye)
dioxide	daasade (aduro bi a ekura ɔsegyen ne aduro foforo bi)
dipeptide	nnuanennuro a ede molekuli mmienu pue
diphtheria	huraee huhuuu bi a ema ɔhomee ne ademene ye den
diploid	nkwammoa bi benya kromosom mmienu
direct harvesting	woreyi nkwadee bi afiri atenaee bi
direction	akwankyerɛ
directly	pɔtee/tee/apaawa
disaccharide	asikyire bi
disadvantage	ɔhaw
disaster	atoyerɛnkyem
discs	adee tratra kurukuruwa
disease	yaree
disjunction	ntetemu
dislocation	biribi ahwan
dispersal	biribi abɔ ahwete
disposal	woreto biribi agu/biribi wɔ w'aba mu
dispose	to gu
disrupt	ha/ye basasa
dissecting microscope	maakrosukopu a n'ahodden wɔ fam
dissection	nkyemu
dissolve	Hono
diuretic	adee a ema nipadua no kyi nnebɔne ntem a eno nti wobedwonsɔ ntentem
diurnal	dee esi awiaberem
diversity	sonobi-sonobi (ahorowye/gu ahorow)
divide	kye mu
(DNA) deoxyribonucleic acid	(DNA) deoxyribonucleic acid (nkwammoa eda obi adi)

Living Environment Glossary - High School Level

ENGLISH	TWI
DNA fingerprinting	DNA nsatea ano adansedie (DNA nsatea ano nsensanee)
DNA polymerase	nkwammoa a wɔboa ma dna hyehye ntɛm so
dominance	nhyɛsoɔ/deɛ ɛdɔɔso
dominant	deɛ ɔhyɛ biribi so
dominant gene	nkwammoa a hyɛ biribi so
dominant species	akuo a wɔdɔɔ so
dominant trait	esu a emu ye duru/ɔhyɛ nkaɛɛ no so
dormancy	wonkeka wo ho anaase wonni wo daa daa dwuma (aye mmerɛw)
dorsal	dada mu bɛtɛɛ (akwaa a etua honam ani)
double fertilization	wode barima kosua mmieniu resɔ ɔbaa kosua baako ano wɔ nnua nwiren mu
double helix	nhyehyɛɛ bi a nkwammoa bi te sɛ dna tumi nya
Down's syndrome	Down yareɛ (adwene, ani, aso ne akwaa ahodoɔ dɛmdie)
drainage	mmɔnka
drilling	nsuonsuotuo
drone	droonu (afidie a ɛfa wiem boa nhwehwɛmu)
drosophila	aduaba so nwansena nketenkete bi a yɛde wɔn ye nhwehwɛmu
drug	Aduro
drug abuse	aduro a wɔfa no basaabasaa (aduru a wɔde di dwuma ɔkwammɔne so)
drug dependence	deɛ ɔde ne ho to anaase ɔdan nnuro
drug overdose	aduro a wɔfa boro so
duckweed	nwura a ɛfu wɔ abura ani
ductless gland	akwaa bi a ɛnni bɔtɔ na ɛyi nsuo ahodoɔ kɔ mogya mu tee
dump	to gu baabi
duodenum	nsono nketewa no fa a ɛwɔ adiditwa no ase pɛɛ
dwarfism	apɛtɔ
dynamic	deɛ ɛtumi sesa ne ho
dynamic equilibrium	dwumadie a ɛreko so a emu tumi di adane adanee
dysentery	ayamtuo a mogya wom
E	
eagle	ɔkɔdeɛ
ear	aso
ear canal	aso mu tokuro
eardrum	aso mu akwaa a nnyegyɛɛ gyɛgyɛ gu mu
earthworm	sonsono
echinoderm	ɛpo mu nam ahodoɔ
ecological	deɛ ɛfa mmoa, nnua, nnipa atenaɛɛ ne nkwadɛɛ ahodoɔ adesua ho
ecological niche (s)	tebea a nkwadɛɛ kuo bi te mu
ecological pyramid	nkwadɛɛ a wɔwɔ atenaɛɛ bi ntam twaka nhyehyɛɛɛ
ecological succession	nsesaɛɛ a ɛnam ne kwan so ne kwan so a ɛko so wɔ nkwadɛɛ atenaɛɛ mu
ecologically	deɛ ɛnam mmoa, nnua, nnipa atenaɛɛ ne nkwadɛɛ ahodoɔ so
ecology	mmoa, nnua, nnipa atenaɛɛ ne nkwadɛɛ ahodoɔ ho adesua
economically	wode biribi bɛdi dwuma ne dodoɔ mu sedɛɛ ɛsɛ anaa sedɛɛ wohia
ecosystem	mmoa, nnua, nnipa atenaɛɛ ne nkwadɛɛ ahodoɔ dwumadie
ecosystem diversity	mmoa, nnua, nnipa atenaɛɛ ne nkwadɛɛ ahodoɔ dwumadie mu sonobi-sonobi

Living Environment Glossary - High School Level

ENGLISH	TWI
ectoderm	etɔdem (mmoa binom te se nsunam honam akwaa bi)
edema	nkwadee ahonhono
effective	di dwuma yie
effectiveness	obi redi dwuma yie
effector	nipadua akwaa a etumi keka ne ho bere a wobesom
egg	Kosua
ejection	etuo/wɔbetu obi
elbow joint	abatwe pe so
electrocardiogram (EGG) or (EKG)	electrocardiogram (EGG) anaa (EKG) (kwan a wɔfa so de afidie susu eletreke dodoo a obi akoma de ba de hwe se akoma no reye adwuma anaa
electron	elɛtrɔn
electron microscope	maakrosukopu a ede elɛtrɔn ye adwuma
electronic balance	elɛtrɔneke kyim/susudua
electrophoresis	patekle anaa molekuli ahodoo anamɔntuo a enam elɛtrɔn so
element	elɛmente
elephantiasis	gyepim
eliminate	yi firi ho
elongation region	tentenye/ɔkwan a eda adee bi a etwa fa adee foforo ho ntam
elongation zone	dua ase reko ne nhini
embolism	Mogya ntini a ede mogya firi akoma no mu ko no mu bi mu besi
embolus	patekle bi a entaa ntena mogya mu na enenam mu
embryo	mogyatoa
embryo sac	mogyatoa bɔto
embryology	mogyatoa ho adesua
embryonic	dee efa mogyatoa ho
embryonic membrane	enam a efam mogyatoa ho
emigration	woretu/etuo (tu bata/batatu)
emit	pu/yi
emphysema	ahurututuo keseye mmorosoo
emulsification	nsuonsuo reka abom
enable	ma kwan
enamel	ese akwaa fitaa a ewo abontene no
end product	dee efiri mu ba (nea yenya fi mu)
endangered species	nkwadee a won ase rehye
endemic	yaree a ewo beaee bi
endocrine gland (s)	akwaa ahodoo a wode nkwammao ko mogya no mu tee
endocrine system	dwumadie a enam so de nkwammao ko mogya no mu tee
endocrinology	dwumadie a enam so de nkwammao ko mogya no mu tee ho adesua
endocytosis	wode nneema binom reka nkwammao no ho
endoderm	mogyatoa no mu ankasa
endoparasite	aboawa bi a didi nipadua akwaa mu
endoplasmic	enoplasem (saetoplasem mu akwa bi a ese nsuonsuo)
endoskeleton	nkrampam a ewo nipadua no mu na ema no tumi gyina
endosperm	enosopem (akwaa bi a ewo dua aba mu a nnuanennuro wom)
endosperm nucleus	enosopem nuuklɔso
energy flow	sedee ahodden di dwuma fa

Living Environment Glossary - High School Level

ENGLISH	TWI
energy pyramid	ahodden (anyinam) nhyehyeee
engineering	biribi hyehye (senea wode abode mu nyansahu di dwuma)
engulf	bunkam so/bu fa so
enlist	fa ka ho/nya mmoa/fa obi adwuma
enrich	ye no nam (ma enye papa)
environment	atenaee/mpotam
environmental	dee efa atenaee ho
environmental impact statement	krataa a efiri aban adwumakuo ahodoɔ ho a ekyere dwuma akeseɛ a wɔadi a ɔwɔ nsunsuansoɔ wɔ atenaee so
enzyme (s)	nkwadeɛ mu nkwanmoa bi
enzyme-substrate complex	nsunsuansoɔ a efiri molekuli ne nkwanmoa ahyiadie mu ba
epicotyl	dua aba akwaa a aba no fifiri a, edi kan pue
epidemic	nsaayareɛ atesetee
epidermis	honam ani ntoma hanahana no
epididymis	hwowa mu ahoma a ekura aba no mu
epiglottis	menemu akwa bi
epinephrine (adrenaline)	nkwammoa a ede mogyammorosɔ ba
epithelium	honam ani hanahana anaase nsono mu akwaa anaase ahurututuo mu ntokuro a mframa fa mu
equatorial plane	dee a eɔa adeɛ a eɔa nkwanmoa mmienu ntam bereɛ a nkwanmoa bi mu rekye ntentensɔ
equatorial plate	dee eɔa nkwanmoa mmienu ntam bereɛ a nkwanmoa bi mu rekye
equilibrium	biribi tebea a ebi nkɔ na ebi nso mmeke ho (nea eye pe)
era	bereɛ bi a ademu bi siie
erect posture	woregyina ho kyirebenn
erosion	Asamutwa (se sunsuan/mframa pra asase ani/biribi so tew/ewewe)
error	mfomsɔ
Escherichia coli (e. coli)	escherichia coli (e. coli) (aboawa a ɔte nipa anaase aboa bi nsono keseɛ no mu)
esophagus	Hoohoowa (menewam/menem)
essential amino acid	amino asede a eha (amino asid a eho ehia)
estrogen	esrogyen (nea ekyere mmea awosu/bɔbea)
estuary	baabi nsuwansuwa ne epo bom (beae a asubɔnten bɔ po mu)
ethyl alcohol	apɛtɛhye (akpɛtɛshie)
euglena	nsuo mu nkwaɛɛ ketewa bi
eukaryote	nkwadeɛ a ekura nuklɔso soronko bi
eukaryotic cell	nkwadeɛ a ekura nuklɔso soronko bi nkwanmoa
Eustachian tube	aso mu kwan bi a ekɔ yen farensɛ no mu
evaporate	yi tutuo
evaporation	ntutuoyie
evidence	nnyinasoɔ/adanse
evolution	nkwadeɛ mu nsesaee/adannandi
evolutionary	dee efa nkwaɛɛ mu nsesaee ho
evolve	sesa (bɔbea mu)
examination	shwe/nhwehwemu
except	gye se
excess	mmorosɔ
excessive	dee eboro so

Living Environment Glossary - High School Level

ENGLISH	TWI
excretion	nipadua mu fi yie
excretory	deɛ ɛboa nipadua mu fiyie
exercise	apɔ mu ateneateneɛ
exhalation	worehome aba abɔntene
exhale	home pue
exhaust	Sa/sɛ biribi sa koraa
exhibit	da adi/yi/fa kyere
exist (s)	te ase/ɛwɔ ho
exocrine gland	akwaa a ɛpu biribi fa bɔtɔ bi mu pue
exon	nuklɔso asede/asid bi a ɛboa hyehye DNA
exoskeleton	Honam fa a ɛye den te sɛ bɔwerɛw
experiment	sɔ hwɛ/hwehwɛ mu
expiration	awieɛɛ/berɛ a biribi bɛkɔ awieɛɛ (berɛ a biribi ba awiei/twam)
explanation	Nkyerɛmu (nkyerɛkyerɛmu)
explosive	deɛ ɛtumi pae
exponential growth	dodɔɔye a ɛye ntɛm so
expose (d)	da (a) adi (pa ho ntama)
expressed	kyerɛɛ adwene/daa adi
expression	adwenkyerɛ/kwan obi fa so da biribi adi
extensor	ɛnam bi a ɛma nipadua akwaa bi ye tentene anaa ɛye hweremhwerem
extent	deɛ ɛkɔduru
external	abɔntene
external fertilization	barima ho nsuo ne ɔbaa kosua rehyia wɔ beaɛɛ a ɛnye akwaa a wɔhyia wɔ mu no
external respiration	kwan a atenaɛɛ no ne nipadua no mu akwaa (ahurututuo) di nkutaho wɔ mframa ho
extinct	hye aseɛ/tɔre ase
extinction	asehyɛɛ/asetɔre
extinction of fauna	mɔmoa asehyɛɛ/asetɔre
extracellular digestion	kwan a porɔɛɛ nam so de nkwamɔmoa bi bubu nnuane twe mu ahɔɔden
extract	twe
eye	ani
eyepiece (ocular)	deɛ ani hwɛ mu
F	
facilitated diffusion	nnuro bi refiri nkwamɔmoa bi mu preko pe berɛ a nkwamɔmoa no nsee ahɔɔden biara
Fahrenheit scale	Fahrenheit susudua
fallopian tube (oviduct)	doroben a ɛwɔ mmaa mu a kosua fa mu
fallout	deɛ afiri mu
family	abusua/ekuo
fangs	sebɔfoɔ
farsightedness	deɛ ɔhunu kɔ akyiri
fat	kɛsɛɛ/srade
fatal	deɛ ɛye hu/owuda
fatigue	bre
fatty acid	asede a ɛboa nipadua no ma ɔde aduane di dwuma sɛdeɛ ɛsɛ

Living Environment Glossary - High School Level

ENGLISH	TWI
feather	ntakra
feces	agyanan
feedback	mmuaee
feedback mechanism	kwan a mmuaee fa so ba
female gamete	ɔbaa kosua
female reproductive system	deɛ eboa ɔbaa ma no wo
femur	sre mu dompe baako
fermentation	kwan a biribi fa so ka/boro/nyinya
fern	dua bi a ne mfimfini tenten na n'ahahan ye atɛtrɛtɛ
fertilization	kwan a kosua fa so beye ɔba
fertilizer (s)	ɔyeafuooyie/ɔyeasaseyiye
fetal	deɛ efa abotafoa ho
fetal alcohol syndrome	dɛmdie a abɔfra bi a ne maame nom nsa ma no nya
fetus	Abotafoa
fever	huraee/atiridii
fewer	kakraa bi
fiber	nkwanmoa bi a eboa tentenye/ahoma teaa bi
fibrin	nnuanennuro bi a yɛnya wɔ mogyatuo a ɛretwa mu
fibrinogen	faebrinogyen (nnuanennuro bi a yɛnya wɔ brɛboɔ mu nkanka bere a mogyatuo retwa)
fibrous root system	dua a enni ntinihene biara
field	Dwumadibea/afuw so/nimdeɛ bi
field of microscope	baabi a maakrosukopu hunu koduru
filament	Mummabaa/hamahama
filter out	sɔne so
filtered	wasɔne so
filtrate	deɛ afa sɔneɛ mu
filtration	nsɔnesoɔ
fin	deɛ nsunam de nante
finches	anomaa ketewa bi a ɔkura anosini bi a emu ye den
fine adjustment	maakrosukopu fa bi a yekyim de hwe adeɛ yie
fingerprinting	nsa ano ahyensodeɛ (nsatea ano nsensanee)
finite	pɛpɛɛɛ (nea ewɔ baabi a ekosi/anohyeto)
firm	pintinn
first filial generation	awoɔ ntoatoasoɔ mu adikanfoɔ
first-level consumer	nkwaɔbaa a wɔwe nwura
fission	atɔm mu nuklɔso nkyɛmu
flagella	biribi a yede hwe wɔ agoro kwan so
flagellum	abaa hweaa bi a ewɔ nnua anaa mmoa mu
flatworm	mmoawa tratra
flea	onniataban aboawa bi a ɔnom mogya
flexor	enam bi a eboa ma yekoa nipadua akwaa bi
flipper of whale	bonsu akwaa a ɔde boro nsuo
fluorescence	bere a nhwiren mu bie
flow	tene/hwie/nante
flow of energy	sɛdeɛ ahɔden nante
flower	Nhwiren
fluid	nsuonsuo

Living Environment Glossary - High School Level

ENGLISH	TWI
fluke	sonsono bi
fluoridation	wode flɔraede reka biribi (nsuo) ho
fluoride	flɔraede
folic acid	fɔlekasede (vatamin b mu bi a efiri nnuaba ne nhahan mu)
follicle	tokuro a nwi firi mu ba/bɔtɔ a kosua firi mu ba
follicle stimulating hormone (FSH)	nkwammoa a eboa de deɛ ema ɔbaa kosua nyini na etumi ne barima nsuo di ahyia
food allergen	deɛ obi kyiri wɔ aduane mu
food chain	nkwadeɛ ahodoɔ nhyehyɛɛɛ bi a deɛ ɔdi kan we deɛ ɔdi n'akyi
food poisoning	awuduro a efiri aduane mu
food pyramid	adidie ho nhyehyɛɛɛ bi a deɛ ne ho ye den no wɔ soro na wɔn a wɔtoa so no we wɔn a wɔhyɛ wɔn ase wɔ saa nnidisoɔ no mu
food vacuole	akwaa mu bɔtɔ bi a aduane gu mu a, etumi yam
food web	adidie mu twaka a mmoa nam so nya nnuanennuro
forceps	afidie a yede biribi mu wɔ nhwehwɛmu mu (afiri a wɔde gye awo)
forest conservation	kwaɛkora (kwaɛ a wɔkora so)
form	fɔɔmo (kratacin)
formation	abɔsɛɛ/nhyehyɛɛɛ
formula	nhyehyɛɛɛ/kwan
fossil	nkwadeɛ bi a awu aporo akyire adeɛ
fossil fuel	nkwadeɛ a awu mu ahodoɔn (fuel) (fango a yenya fi abotan mu)
fossil record	nkwadeɛ a awu ho akoraɛɛ
four o'clock flower	nhwiren bi a emu bue anwummerɛ (ɛwɔ Peru)
fracture	biribi mubuo (nkanka dompe)
fragment	ɛfa kumaa bi
fraternal twin	nta a wɔnse
freeze drying	ɔkwan a wɔfa so twe adeɛ a ɛsɛɛ ntɛm mu nsuo
frequently	ntɛm so (esi ntɛm ntɛm wɔ bere tiaa mu)
freshwater	nsuo a nkyene nnim
fructose	asikyire bi a ɛwɔ nnuaba mu
fruit	Aduaba
fruit fly	aduaba so nwansena
fumes	nwisie a enye papa
fungi	fangae/mfumeɛ (dodoɔ)
fungus	fangae/mfumeɛ
Fur	enwi
G	
galactose	galatosu (asikyire a enye de pii)
galactosemia	yareɛ bi a efiri galatosu a ennya nkwammoa nsesa nkɔ glukosu mu nti aboa ano mu ba
gall bladder	bɔnwoma bɔtɔ
gallon	galɔn
gallstone	bɔnwoma bɔtɔ mu nam bi a ete se aboɔ a eye yareɛ
gamete	ɔbaa ne barima nkwammoa
gametogenesis	kwan a nipadua no nam so de ɔbaa ne barima nkwammoa ba
gamma globulin	gaamagloulin (protein fa bi a ɛwɔ mogya a deɛ eko tia yareɛ wom)
ganglion	pomponya

Living Environment Glossary - High School Level

ENGLISH	TWI
gas exchange	mframa ɔsegyen ne kaabɔndaɔsaede adaneadanedie
gaseous exchange	deɛ ɛfa ɔsegyen ne kaabɔndaɔsaede adaneadanedie ho
gasoline	Gasolen (mframagya)
gastric	yafunuhyɛ
gastric juice	nsuo bi a ɛwɔ yafunu mu ɛboa ma aduane yam
gastro vascular cavity	akwaa titire a ɛwɔ aduaneyam ne nnuanennuro kyekyɛ mu
gastrula	gastrula (mogyatoa mfiaseɛ)
gastrulation	kwan a gastrula fa so ba
gel electrophoresis	kwan molekuli ahodoɔ fa so nante san kyekyɛ wɔn mu
gene	nkwammoa
gene expression	sɛdeɛ nkwammoa mu nsem sesa kɔ RNA mu na ɛsesa kɔ protein mu
gene frequency	nkwammoa dodoɔ wɔ ekuo bi mu
gene linkage	esu bi a ɛwɔ wɔn a wɔkura nkwammoa ho
gene mutation	nkwammoa mu nsesaɛɛ
gene	nkwammoa
gene (s)	akwammoa ahodoɔ
generalization	worefutu afra
genetic	deɛ ɛfa nkwammoa ho
genetic counseling	akwankyerɛ a ɛfa nkwammoa ho
genetic disease	yareɛ a enam nkwammoa mu
genetic diversity	nkwammoa mu nkyekyɛmu
genetic engineering	nkwammoa hyehyɛ
genetic marker	deɛ ɛda nkwammoa bi adi
genetic recombination	nkwammoa nkabom a ɛde esu a ɛde abusua a wɔn baanu no firi mu no nɛ ba
genetic variation	nkwammoa mu nsonsonoeɛ
genetically	deɛ ɛfa nkwammoa ho
genetics	nkwadeɛ nkyi ho adesua a enam nkwammoa so
genome	gyenom (kromosom dodoɔ a ɛhia ansa na atumi aye nkwammoa baako)
genotype	nkwammoa kora a obi kura
genus	nkwadeɛ akuo
geographic isolation	nkwadeɛ kuo a wɔate wɔn ho afiri nkwadeɛ afoforɔ ho
geologic time scale	mfee a asase yi adi ho susudua
geotropism	gyeotɔpesem (nkwadeɛ bi nyini a ɔhyɛ a ɛfiri awia wɔ nsunsuansoɔ wɔ so) (sɛnea abɔde ye n'ade wɔ tumi a etwe ade ba fam no ho)
germ theory of disease	adwenemsusuo a ɛkyere sɛ nyarewa bi firi mmoawa binom (adwenkyerɛ a ene sɛ nsanyare nyinaa fi yare mmoawa)
German measles	ananse yareɛ
germination	mfifiɛ
gestation period	berɛ a biribi de fifiri (nna dodow nyinsɛn di)
GH (growth hormone)	GH (onyini nkwammoa)
gigantism	kɛsemmorosoɔ
gibberellin	giberilin (dua mu nkwammoa bi a ɛboa ne nyini)
Gill	deɛ nsunam home fam
gizzard	saa
gland	akwaa a ɛma nipadua no nnuro bi
global warming	wiase hyee a wɔsusu sɛ ɛbeba

Living Environment Glossary - High School Level

ENGLISH	TWI
glomerulus	doroben bi a ede nsuo a protein nnim ko bawman doroben no mu
glucagon	protein nkwammoa bi a woma asikyire dodoo ko soro wo mogya mu
glucose	glukosu (asikyire a ano ye den)
glycerol	glaeserɔɔ (nsuo bi a enni ahosuo a ema birbi ye de san bo ho ban)
glycine	glaesen (amino asede bi a eye de a yanya firi protein mu)
glycogen	glaekogyen (asikyire bi a ste hwee) (ahodennuru a nipdua de sie wo mmrebo mu na esan de ye adwuma bere a ehia)
glycolysis	kwan a nkwammoa fa so sesa kabohaedreti ko nnuanennuro mu
gaiter	biribi a yede kyekyere kotodwe ase de nante
Golgi body (apparatus)	golgi akadee (akwaa bi a ewo sell mu)
gonad	ɔbaa anaa ɔbarima ho beba ama kosua anaa barima ho nsuo beba mu (bobeasu akwaa)
gonadotropin	gonad nkwammoa no mu biara
gonorrhea	babaso
gorilla	akaatia
gout	apɔsoyea
gradualism	wode nkakrankakra repe biribi (nsakrae a eba nkakrankakra)
graduated cylinder	nsuonsuo susudua
grafting	wode dua bi refam dua foforo ama no afiri
gram	gram (adee muduro susubea)
grana	grana (klorefele akwaa no mu bi)
graph	graafo (mfonini a wode bu nkonta)
grasshopper	abebe
grassland	esre asase
gray matter	adwenem akwaa a ekura nkwammoa a eboa akwaa ahodoo a wone adwene no ye adwuma
green algae	apotobibire
green revolution	kuayo ho dwumadie a ekoo soro bere bi
greenhouse effect	mframa ahodoo mmoano a ema awia ka yen na ekyere ehyew ne ohaw a ede ba
greenhouse gas	mframa biara a etumi kyere nnebone a efiri awia mu reba
grid	damedame
growth	enyini
guanine	gwanaen (nkwammoa mu biribi a ehyehye nsem wo DNAanaa RNAmu)
guard cell (s)	nkwammoa mmienu a wobue dua stoma san to mu no mu biara
gullet	doroben a efiri w'anom kosi w'aditwaa mu
gymnosperm	gyemnosopem (nnua bi a eso aba a enhye botoo biara mu)
gypsy moth	afafraantoo nua bi a otu anadwo
H	
habit	esu/dee aka obi ho
habitat	nkwadee binom atenaee
habitat fragmentation	atenaee mu nkyekyemu
hair follicle	tokuro a nwi firi mu ba
half-life	bere a awuduro bi di ansa na afiri baabi a wode agu
haploid (monoploid)	hapolodo (biribi a ewo kromosom dodoo a nkwammoa hia)

Living Environment Glossary - High School Level

ENGLISH	TWI
Hardy Weinberg law	hardy weinberg mmara (nkwammoa mu mmara a ekyere se, se ekuo foforc muni bi akofra ofoforc mu a, nsesaee biara mma nkwammoa mu)
harm	chawpira
harmful	dee etumi de chaw ba (nea etumi pira)
harmless	dee chaw biara nni ho (nea empira)
harvesting	otwa
hatching	kosua bobo
Haversian canal	dompe mu akwan a ekura mogya ntini
hay	esre a wchata a wode rebema mmoa awe
hay fever	huraeenini
heart	akoma
heart attack	akoma yaree
heart transplant	akoma a wotu ma obi
heart-lung machine	afidie a epia mogya ne oseyen ma nipadua no bere a wrepae no
heart beat cycle	sedee akoma bo fa
helix	helese (adee a ne bobea mu apaapae)
hemoglobin	hemoglobin (nkwammoa bi a edi oseyen ho dwuma/nea ema mogya ye kaka)
hemolysis	hemolesese (mmofra yaree a mogya nkwammoa kaka no nam so see) (mogya mu nkwammoa kaka a esan ko soro a ema yare bre ase)
hemophilia	hemofilia (mogyatuo mmorosoo a ewo mmarima mu)
heparin	heparen (mogya mu nkyene bi a ewo brebo ne ahurututuo mu a emma mogya ntwan tem)
hepatic artery	mogya ntini a ede ko brebo mu
hepatic portal circulation	dwuma a brebo di wo mogya a nnuanennuro wom ho ansa na ako akoma no mu
herb	hahamma
herbivore (s)	nkwadee a owe nwura
hereditary	dee efiri mogya mu/nea yenya fi awo mu
heredity	Kwan a efa so ma esu firi awo ntoatoaso mu ko awo ntoatoaso mu (nea/esu a yenya fi awo mu/awofo ho)
hermaphrodite	obaabarima
heterotroph	nkwadee a onam nkwannee nko ara so na edidi
heterotroph hypothesis	nkwadee a onam nkwannee nko ara so na edidi ho adwene susuo
heterotrophic	dee efa nkwadee a onam nkwannee nko ara so na edidi
heterotrophic nutrition	adidie a egyina nkwannee nko ara so
heterotrophs	nkwadee ahodo a wnam nkwannee nko ara so na wadidi
heterozygous	saegoti a enam nkwammoa mmieniu a wonse koraa no na ebae
heterozygous genotype	bobea a efiri saegoti a enam nkwammoa mmieniu a wonse koraa so na ebae
hibernation	worema biribi ada/nkurate
high blood pressure	mogya borosoo
high energy bond	fosoforcso bi a ewo kabohaedreti hyee mu a eboa ma ahoden
hindbrain	adwene akwaa a ewo atiko fam
hip joint	epa
histamine	amino asede bi nipadua no de ba bere onii no afa awuduro
histidine	amino asede bi a eho hia pa ara
histology	anatome adesua a wode makuroskopu na eye

Living Environment Glossary - High School Level

ENGLISH	TWI
histone	protein biara a amino asede wom a enane wɔ nsuo mu
homeostasis	homiosasese (nipadua mu tebea bi a nssesaeɛ biara mma n'abɔsuo mu)
homeowner	fiewura
hominid	deɛ ɔka praemeti (moa ahodoɔ a wɔnyinsɛn wo na wɔnto kosua)
homo sapiens	deɛ ɔka praemeti (moa ahodoɔ a wɔnyinsɛn wo na wɔnto kosua a nipa ka ho)
homologous chromosome	kromosom a ekura nkwammoa korɔ
homologous structure	nkwammoa a ekura nhyehyɛɛ baako
homozygous	deɛ ekura nkwammoa mmienu wɔ hyehyɛbea baako so
homozygous genotype	abɔsuo nkwammoa bi a ekura nkwammoa mmienu wɔ hyehyɛbea baako so
hoofed animal	mmoa ahodoɔ wɔhyɛ mpaboa
hookworm	mmoawa bi a n'ano yɛ kɔtɔkorɔ dennen bi a ɔde fam deɛ ɔronom no ho (osonson a ɔtena nsono mu)
hormone	hɔmɔn (aduro bi a nipadua no yɛ a eboa ma akwaa bi di ne dwuma)
host	deɛ aboawa bi te ne mu/didi ne ho
Hot	hyehyɛɛ/nea eyɛ hyew
hot water bath	nsuohyɛɛ adwareɛ
huge	kɛsɛɛ
hull	deɛ ekyekyere aduaba bi ho
humerus	abasa mu dompe
humidity	kusukuukuu
hummingbird	anomaa kumaa bi a ɔkura ahosuo fɛfɛ pii a ɔwɔ amerika pa ara
humoral immunity	nipadua no fa a ekɔ tia yareɛ no fa bi a ede nnuro ma antigyen bi
humus	porɔɛ/asase fa a eyɛ nnua ne nhahan a aporɔ
hunting	ahayɔ
hybrid	nkwadeɛ bi a yɛayi afiri nkwadeɛ soronko mmienu mu
hybrid vigor	ahodɔden a efiri nkwadeɛ a wɔbɛyi afiri nkwadeɛ mmienu mu ba
hybridization	kwan a wɔfa so yi nkwadeɛ bi firi nkwadeɛ soronko mmienu mu
hydra	haedra (ɔwɔ bi a ɔwɔ tire bebree a wɔka ne ho asem wɔ greek abakɔsem mu/ɔhaw a eho dwumadi yɛ den)
hydrocarbon	haedrokaabɔn (haedrogyen ne kaabɔn a wɔaka abom)
hydrochloric acid	haedroklɔreke asede (asede a ano yɛ den na eni ahosuo biara a eyɛ haedrogyen ne klɔren)
hydrogen acceptor	deɛ egye haedrogyen
hydrolysis	haedrolyesese (prɔɛ kwan bi a efa mfamyɛ a emu bɛte wɔ haedrogyen ne nsuo ho)
hydroponics	haedropɔneke (deɛ efa nsuo mu asetena ho)
hydrotropism	haedrotopiisem (nyini a ekɔ anaase ɔfiri nsuo ho)
hyper parasitism	aboawa anaa parasaeɛte bi renom aboawa anaa parasaeɛte foforɔ
hypertension	mogyaborosɔ
hyperthyroidism	akwaa bi a ewɔ wo kɔn ho a ema nnuro a ede nyini ba a edi dwuma boro so
hypertonic solution	nsuo anaa mfraeɛ bi a osumosisi ano yɛ den wom boro so
hypocotyl	haepokɔtel (dua aba a erefifiri abaa a ewɔ koteledɔn no ase pɛɛ)
hypo secretion	nipadua no rekyi nsuo anaa biribi nyaa anaase nketenkete sene sedɛɛ ewɔ sɛ eba

Living Environment Glossary - High School Level

ENGLISH	TWI
hypothalamus	haepotɛlamɔso (ɛwɔ adwene/amemene mu)
hypothesis	Adwenemususo (nyansakyere)
hypothyroidism	haepoterɔedisem (menem yare bi)
hypotonic solution	nsuo anaa mfraee bi a osumosisi ano wɔ fam wom
I	
ibuprofen	ebuprofin (yawduro a etumi nso sa huraae)
ICF (intercellular fluid)	ICF (nsuo a ewɔ nkwammoa mu)
identical	deɛ esese
identical twin	ntaafɔɔ a wɔse
identity	deɛ ɛda obi anaa biribi adi (nea ɛma obi/biribi da nsow/agyiraehyede)
ileum	eliom (nsono ketewa no fa bi)
illustrate	yi kyere (ye/ma nhweso)
immigration	Atutena
immune	emuun (nipadua no bammɔ)
immune response	dwuma a nipadua no di de bɔ ne ho ban
immune system	kwan a nipadua no fa bɔ ne ho ban
immunity	bammɔ
inorganic	(nea nkwa nnim/nea nnipa aye)
immunization	Abota (se wɔfa/nom aduru de siw yare bi ano)
impact	nsunsuansoɔ
implantation	wode biribi redua biribi mu
import	kra
importation	worekra
imprint	nsohye
impulse	nkate/senea wote nka
in vitro fertilization	kosua renya barima ho nsuo wɔ abɔnten
inappropriate	deɛ emfra/emfata
inborn immunity	bammɔ a efiri awoɔ mu
inbreeding	abusuawaree
incidence	asisem/nea asi
incisors	animse
include	ka ho (fa ka ho)
incomplete dominance	nkwammoa mmienu a wɔnni wɔn dwuma nwie na etumi de nkwammoa foforɔ koraa ba
incomplete protein	protein a enni amino asede a ehia no nyinaa (nkanka nnua nnuane)
increase	to mu/fa bi ka ho
incubation period	berɛ a mmoa de butu kosua so/berɛ a kosua de bobɔ
independent (manipulated) variable	variable a ɔnnan ɔfoforɔ
independent assortment	asɔtomente a ɔde ne ho (berɛ a nkwammoa mu rekye na kromosom ahodoɔ no rekoko afa mmienu no mu biara mu)
index fossil	dɔtee bi a ewɔ beaee bi a yegyina so kyere dɔte korɔ ewɔ ho
indicate	da no adi/kyere
indicator	deɛ ɛda biribi adi (nea ekyerɛ senea biribi te)
individual	obi/onii (ankorankoro)
industrial hazard	mfidudwuma mu ɔhaw
industrial melanism	bɔbea mu melanesem (tebea a ewɔ nnwumam)

Living Environment Glossary - High School Level

ENGLISH	TWI
industrialization	mfididwuma abuebue (mfiridwuma/nnwumakuw nkoanim)
infantile paralysis	adwenem ne akyibrɛmoo mu yaree
infection	nsaneee (se obi nya yare mmoawa bi)
infectious	deɛ etumi sane
infer	gyina deɛ wonim dada so si gyinaeɛ bi
inference	woregyina deɛ wonim dada so asi gyinaeɛ bi
inferior vena cava	vena cava a egye mogya firi nipadua no fam de kɔ akoma mu
infinite	deɛ eso pa ara/nea enni awiei
inflammation	ahonhono a eyɛ ya
Inflammatory response	dwuma a nipadua no di fa ahonhono ho
influence	nkɛntɛnsɔ
ingestion	Aduanemene/adidi
inhibition center	adwenem akwaa a ɛma onipa tumi si biribi ho kwan wɔ nipadua no mu
inhalation	woretwe mfram akɔ wo mu
inherit	di adeɛ (nea yenya fi awo mu)
inheritance	Adidie (nea yenya fi awo mu)
innate behavior	suban a ɛfiri mogya mu
inorganic compound	kɔmpaondo a ɛfiri deɛ ɛmporɔ mu
insect	atutupe/ntutumɛ
insecticide (s)	atutupe aduro
insectivorous plant	dua a ewe atutupe
insert	fa hyɛ mu
Inspect	hwɛ (hwehwɛmu)
inspiration	nkuranhyɛ/nkanyan
instinct	deɛ ɛka biribi kyere wo wɔ atenka mu (atenka)
insulin	nsolin
interaction	nsawɔsɔ/nkitahodi
interbreed (ing)	wonam nkwaɛɛ akuo soronko mmienu so de ɔba foforɔ reba
Intercellular fluid	nsuo a nkwammoa te mu
interference	mfeefeemu/nhuahuamu (fa wo ho gyigye mu)
interferon	ntaferɔn (aduro a nipadua no ye de ko tia vaarɔso)
internal development	mpuntuo a ɛkɔ so biribi mu
internal fertilization	kwan a ɔbarima ho nsuo ne ɔbaa kosua ka bom wɔ nipadua no mu
internally	deɛ ɛwɔ biribi mu
interneuron	nuurɔn ahodoɔ ntam
interphase	nsaamubea
interspecific competition	nkwaɛɛ akuo ahodoɔ resi adekorɔ ho akan
intestinal juice	nsono mu nsuo
intestine	nsono
intracellular digestion	nneɛmayam a ɛkɔ so wɔ saetoplasem mu
introduce	da adi (fi ase/di kan ye)
intron	ntrɔn (nuclɔso mu asede bi)
invasion	mmɔwuram/ntohyɛsɔ
invasive species	nkwaɛɛ a wɔto hyɛ afoforɔ so
inversion	woresesa biribi ako n'abirabɔ mu
invertebrate	nvɛɛtibreti (aboa a ɔnni akyiri dompe)
investigation	nhwɛsɔ/nhwehwɛmu)
involuntary muscle	enam a ɛboa dwumadie ahodoɔ a yennwene ho

Living Environment Glossary - High School Level

ENGLISH	TWI
involve (ing)	wode biribi reka ho
iodine	ayodin
ion	ayɔn (ion)
ionic bond	ayɔn mfameeɛ
iron	ayɔn (iron)
irradiation	eradiehyen (wode obi refa radiehyen mu)
irritability	deɛ ɛma obi ye biribi wɔ biribi a asi ho
islet of Langerhans	Langerhan supɔ ketewa
isolated	deɛ ate ne ho
isotonic solution	nsuo a emu ahɔɔden ne deɛ ɛwɔ mogya mu ye pɛ
isotope	aesotopu
J	
jellyfish	nsunam a ɔtumi ka
joint	apɔ so
juvenile hormone	atutupe mu homon
K	
karyotype	kayotaepo (nhwehwɛmu bi a wode kyere kromosom dodoɔ ne wɔn akeseɛ wɔ nkwanmoa bi mu)
karyotyping	wode kayotaepo redi dwuma
kelp forest	nsuase kwaee
keratin	kɛraten
kernels	Adwe/aba
kidney	saabo
kinetic energy	kaeneteke ahɔɔden
kingdom (s)	aheman
Klinefelter's syndrome	Klinefelter yareɛ (mmarima mu yareɛ a ɛma hwowa ye ketewa na nan nso ye atenten ma nufuo ye akeseɛ)
knee joint	kotodwe
knee-jerk reflex	nan rekɔ n'anim preko pɛ
knowledge	nimdee
L	
labor	adwuma
laboratory	beaee a wɔye nhwehwɛmu
labyrinth	labirinf (ahintasɛm)
lack	wohia biribi
lactase	Laatesi
lacteal	deɛɛɛ nufusuo
lactic acid	laateke asede (asede a ɛwɔ nufusuo a ɛka mu)
lactose	nufusuo mu asikyire
ladybug	nsonkronsuo bi
lake	sutadeɛ
Lamarckism	Lamarck adwenemusɛm (adwenemusuo a ɛkyere sɛ asetena mu nsesaee de nsesaee ba nkwaɛɛ ahodoɔ mu)
lamella	lamela (ɛwɔ mmire abusua mu)
lancet	sekan nufanu/bɔha
landfill	beaee a wode bɔɔla resi amena (sumina)
large intestine	nsono akeseɛ

Living Environment Glossary - High School Level

ENGLISH	TWI
larva	lava (aboa a ɔnni akyi dompe mmɔfra bere mu)
larynx	larensɛ (akwaa a wo bo kata so)
latitude	Laatitudi
law of dominance	nhyɛsoɔ ho mmara
law of independent assortment	asɔɔtomɛntɛ a ɔde ne ho (bere a nkwammoa mu rekyɛ na kromosom ahodoɔ no rekoko afa mmienu no mu biara mu) ho mmara
law of segregation	kromosom nkyekyɛmu ho mmara
law of use and disuse	mmara a ɛkyɛrɛ sɛ nkwadɛɛ bi de n'akwaa di dwuma a, ɛma no ahooɔden nanso sɛ ɔgyaɛ na ɔmfa nye hwee a, ɛma no yɛ mɛɛ.
laxative	afaseduro
layering	mfeɛfo
loop of Henle	saabo no fa bi
leaf sheath	nwura (nkanka ɛsere) fa a ɛkyekyere dua no ho
leaflet	Kratasini
leaks	dɛɛ atuo
learning	Adesua
least	Kumaa
legume	adua abusua
leguminous plant	adua abusua no mu dua biara
lens	anisoboa
leopard	ɔsebo
leucine	lusen (amino asede bi)
leukemia	leukemia (mogya mu kokoram)
leukocyte	lukosaete (mogya mu nkwammoa a woko tia nyarewa)
lichen (s)	mmatatwene abusua
life cycle	ɔbra akwantuo
lifespan	nkwatentene
ligament	ɛnam a ɛfam dompe ho
light microscope	maakurosukopu a ɛkura afidie a yede bue mfonini mu yɛ no kɛsɛɛ
light-dependent reaction	fotosentesɛ dwuma a ɛdi kan (asisɛm ho nneyɛɛɛ a ɛgyina kanea so)
lily	lili (dua a ɛkura nhwiren kɛsɛɛ
limestone	laemoboɔ (ɛboɔ a yede yɛ suminti)
limit	anopem
limiting factor (s)	dɛɛ ɛma nkwadɛɛ bi ano pem
limiting nutrient	nnuanennuro a ɛma nkwadɛɛ bi ano pem
litmus paper	litemɔso krataa
linked gene	nkwadɛɛ mmienu biara woko bom
lipase	lipase (aduro a breboɔ de yam sradɛɛ)
lipid	sradɛɛ
lipid bilayer	sradɛɛnam molekusi mminenu
lithosphere	asase ani
liver	breboɔ
livestock	ayɛmmoa
lizard	kotere
lobster	apɔɔfee (mmɔnko)
lock	to mu
lockjaw	apantan a aka mu
locomotion	anamɔntuo

Living Environment Glossary - High School Level

ENGLISH	TWI
log	duasini
logging	Nnuabuo
logistic growth	akadeɛ nkɔanim
longitudinal muscle	enam tenten bi a ɛwɔ yafunu mu
louse	edwie
lubricating oil	nku a ɛmma biribi mu nkyere
luminescent	luminisente (kanea a ɛmfiri ɔhyew adeɛ bi mu)
lung	ahurututuo
Luteinizing hormone (LH)	lutein nkwammoa (LH)
lymph	lemfo (nsuo a ɛko tia yareboa)
lymph gland	akwaa a ɛyɛ lemfo
lymph node	baabi a lemfo firi
lymph vessel	lemfo ntini (doroben a ɛde lemfo nante)
lymphatic system	lemfo dwumadie
lymphocyte	lemfosaete (lemfo nkwammoa no bi)
lysosome	laesosom
M	
macroevolution	nsesaeɛ a emu yɛ den
macromolecule	molekuli kɛsɛɛ
maggot	mmoawa/gɔgɔme
magnification	mfonini kɛseyɛ
maintaining	worema no ayɛ deɛ ɛtɛɛ
malaria	atiridii
malathion	malatayɔn (mmommoa aduro)
malfunction	asɛɛ/ɛnyɛ adwuma
malignant	yareɛ a agye nsam
malnutrition	deɛ ɔnnidi yie
maltase	nkwammoa bi a odidi wɔ maatosi so yɛ no glukosu)
maltose	maatosi (asikyire a ɛtumi ka)
mammal (s)	mamaa (aboa a ɔwo na ɔnto kosua)
mammary gland	akwaa a ɛma nufusuo
manage	Kora (toto nneɛma)
manageable	deɛ yetumi kora
mane	kɔn akyi nwi
manipulated (independent) variable	ɔfa a yetumi sesa mu
manufacturing	woreyɛ biribi
marine	ɛpoo mu adeɛ
marine biome	ɛpo atenaɛɛ
marrow	ɛkɔ/dompe mu kɔ/hon
marsupial	Masupia (beae/kotoku a mmoa kora/turu wɔn mma wom)
mass	maase (dodoɔ mu/emu duro)
mass extinction	ɔdodoɔ asehyɛɛ
mass number	dodoɔ nɔma
mate	yɔnkɔɔ/ɔhokafo
material	adeɛ
maternal immunity	awosuo mu bammɔ/bammɔ a ɛfiri awosuo mu
melting	deɛ ɛrenane

Living Environment Glossary - High School Level

ENGLISH	TWI
measles	Ananse/ntoburo
measurement	susudua
mechanism	kwan
medulla oblongata	medulla oblongata (adwene/amemene fa bi)
meiosis	mayosese (nkwammoa mu nkyemu)
melanin	melanin (deɛ ɛma akwaa binom ahosuo)
melanocyte cell	melanin nkwammoa
melt (ing)	nane
membrane	honam ketewa bi
Mendelism	Mendel adwenemusem (nsem a ɛfa mendel mmara ho)
meninges	mɛninnyise (honam a ɛkata adwene ne bremoo no so)
meningitis	mɛninnyasetese (yare a ɛka meninges/ahonhon)
meniscus	mɛnisikusi (biribi a ɛhyɛ nnompe abien ntam)
menopause	mɛnopɔso (bra twa)
menstrual cycle	afikyirekɔ/brayɛ ho nnabuo
menstruation	afikyirekɔ/brayɛ
mention	bɔ so
mesentery	mɛsɛntri (biribi a ɛboa nsono ketewa no)
mesoderm	mɛsodɛm
mesophyll	mɛsofele
mesophyte	Mesofaete (nwura a ɛtaa fifi wɔ beae a nsu wɔ)
messenger RNA (mRNA)	ɔsomafoɔ rna (mrna) (RNA/mRNA)
metabolic	metaboleke (nsakrae a ɛkɔ so wɔ abɔde mu)
metabolic waste	deɛ ɛnyɛ a ɛfiri metaboleke mu ba
metabolism	kwan a nipadua no fa so yam aduane (dwumadi ahorow a ɛkɔ so wɔ nipadua no mu)
metal	dadeɛ
metamorphic rock	botan mu bɔbea nsesaɛɛ
metaphase	metafesi (nkwammoa mu nkyemu ho nsem no bi)
metastasis	gyinabea nsesaɛɛ (sɛ yare bi/kokoram tɛw kɔ nipadua no afa ahorow)
method	ɔkwan
methylene blue	metelen bluu (yɛtumi de sosɔ sayanade awuduro ano)
metric ruler	metreke susudua
metric system	metreke dwumadie
microbe (s)	maekrobu (nkwadeɛ a afidie nko ara na wode hunu wɔn)
microclimate	beaɛ kumaa bi wiem tebea
micro dissection	wode afidie rehwehwɛ biribi mu
microfilament	maekrofelamenyte
micrometer	susudua
micronucleus	nuklɔso nketewa
microorganism	mmoawa
microscope	Maakurosokopu (afiri a wode hwe nneema nketenkete a aniwa ntumi nhu)
microscopic	deɛ ɛfa maakurosokopu ho (nea wode makroskop na ehɛ)
microtubule	nkwammoa mu doroben kumaa bi
midbrain	adwene nkyemu atitire mmiensa no mfimfini
migration	atekɔtena (batatu/atutena)
milk	nufusuo

Living Environment Glossary - High School Level

ENGLISH	TWI
milk tooth	mmɔfraberɛm se
milligram	milligram
milliliter	mililita
millimeter	milimita
mimicry	asuasua
mineral	agudie
mitochondria	mitokɔndria (ɛwɔ sɛl mu)
mitochondrion	mitokɔndrion (ɛwɔ sɛl mu)
mitosis	Maetosese (sɛl mu nkyekyɛmu)
mitotic cell division	nkwammoa mu nkyɛmu
mixture	mfraee
model	sɛso/nhwɛso
modification	nsakraee
molar	dodom se
mold	nwene/yɛ
molecular	molekula
molecular formula	molekuli kwan
molecule (s)	molekusi
Mollusca	molusuka
mollusk	molɔso (nwa abusua)
Monera	monɛra
monocotyledon	aduaba a ɛkura kɔteledɔn baako
monocycle	Sakre a ne tae yɛ baako
monohybrid cross	wode nkwadeɛ kuo baako mufoɔ repɛ nkwadeɛ foforo
monomer	monoma
monoploid	monoplbede
monosaccharide	monosakaraede
monoxide	monɔɔsaede
morphine	mɔɔfem (yaw aduru)
morphology	mɔɔfɔlɔgye (sɛnea nnua ne mmoa te ho adesua)
mortality	owuo anaa awufoɔ dodoɔ
morula	morula
mosaic	abɔɔ a wɔde asiesie baako/deɛ ɛfa mose ho
mosquito	ntontom
moss (es)	mɔɔso (afifide)
moth	mɔt (afafrantɔ nua a ɔtu anadwo)
motile	deɛ ɛtumi tu anamɔn
motility	deɛ ɔno ara tumi tu anamɔn
motor nerve	nɛɛvo a ɛgye nɛɛm firi adwenem kɔ honam mu
motor neuron	nɛɛvo nkwammoa a ɛkyerɛ deɛ asi honam no mu
movement	anamɔntuo
mucous membrane	honam a ɛyɛ amaman bɔ ne ho ban
mucus	amaman
multicellular	deɛ ɛkura nkwammoa pii
multiple allele (s)	nkwammoa baako a ɛgu mu ahodoɔ pii
multiple birth	ntaawoɔ
multiple-gene inheritance	deɛ n'awoɔ firi nkwammoa ahodoɔ a wɔfiri nkwadeɛ ahodoɔ mu
multiple	mmɔhommɔho/ahorowye

Living Environment Glossary - High School Level

ENGLISH	TWI
multiply	bɔ ho
mumps	mɔmpo (nsanyare bi)
muscle	enam
muscle contraction	enam a emu twetwe wo
muscle fatigue	honam mu brɛ
muscular	dɛɛ wabɔ
muscular system	wo nam dwumadie
mushroom	mmire
mussel	musɛle (po/nsu nwaw)
mutagen	Aduro/biribi a ɛboa nkwadɛɛ nnanemu
mutagenic agent	aduro a ɛboa nkwadɛɛ nnanemu
mutant	nkwadɛɛ a ne mu adane
mutate (d)	dane mu
mutation	nnanemu
mutualism	dɛɛ ɛfa nnanemu ho (abusuabɔ a ɛda abɔde abien a ɛsono ntam a wɔn nyinaa nya so mfaso)
mycelia	maesɛlia
mycelium	maesɛlium
myelin sheath	maelen hyiiti
myofibril	mayofaabrele
myopia	Mayopia (ani a enhu ade a ɛwɔ akyiri)
N	
narcotic drug	adubɔne
nasal cavity	hwenem
natural immunity	awɔɔ mu anaase mogya mu bammɔ
natural selection	wu a nkwadɛɛ bi fa bi bewu ama ebinom nso anya nkwa wɔ atenaɛɛ korɔ mu
naturally	sɛdɛɛ yɛbɔɔ no/sɛnea ɛte
nature and nurture controversy	abɔdɛɛ ne ntetɛɛ akyinnyegyɛɛ
nearby	dɛɛ ɛben
nearsightedness	ani-so-wisiwisiyɛ (ani a enhu ade a ɛwɔ akyiri)
nectar	borɔhene (nsu fremfrem a ɛwɔ nhwiren/aduaba mu)
negative feedback	mmuaɛɛ bɔne
negative	dɛɛ ɛnyɛ
nematode	mmoawa
nephron	nɛfrɔn (droben a nsufi a efi asaabo mu fa mu)
nerve	nɛɛvo
nerve cell (neuron)	nɛɛve nkwammaa
nerve cord	nɛɛvo brɛmo
nerve fiber	nɛɛvo ahoma
nerve impulse	nɛɛvo mporoɛɛ
nerve net	nɛɛvo hyehyɛbea
nervous system	nɛɛvo dwumadie
neural plate	nɛɛvo pleeti
neurohormone (neurotransmitter)	nurohɔmɔn
neuromuscular junction	nuromaskula ahyɛɛ so
neuron	nuurɔn

Living Environment Glossary - High School Level

ENGLISH	TWI
neurotransmitter	nuurɔn asomafoɔ
neutral	damusa
neutralization	worema biribi ada mu saa
neutron	nuutrɔn
niche (s)	Nihye (beae/gyinabea/gyinapɛn)
nicotine	Nikotin (aduru bi a ɛwɔ tawa mu)
night blindness	dɛɛ ɔnhunu adeɛ papa anadwo
nitrification	wode naetrogyen regu biribi mu
nitrifying bacteria	mmoawa a wɔde naetrogyen gu biribi mu
nitrogen cycle	naetrogyen dwumadie
nitrogen fixation	wode naetrogyen reka biribi ho
nitrogen-fixing bacteria	mmoawa a wɔde naetrogyen ka biribi ho
nitrogenous	dɛɛ naetrogyen wom
nitrogenous waste	naetrogyen a ɛnyɛ
nocturnal	anadwobere (anadwo)
node	pɔ so/aba
nodule	Nodule
noise pollution	dede hunu
non-communicable	yare a ɛnsan
nondisjunction	kromosom a ne mu antumi ankyɛ wɔ nkwanmoa nkyɛmuberɛm
no placental mammal	aboa a ɔnni awɔɔ akyi adeɛ
nonrenewable resources	akadeɛ a wontumi mfa nni dwuma mprenu
nonvascular plant	brayofita nnua
noradrenaline	nɔradrenalene
nostril	hwenem kwan
notochord	notokɔɔdo
nourish	adidipa mu nyini
nuclear fuel	nukola ahɔɔden
nuclear membrane (envelope)	nukola honam
nuclei	nukolae
nucleic acids	nukoleke asid
nucleoli	nukolblae
nucleolus	nukulɔso
nucleotide	nukoliotaeɛde
nurture	tete/yɛn
numerous	ahodoɔ/bebereɛ
nutrient (s)	nnuanennuro
nutrition	nnuanennuro ma
nutritional	dɛɛ nnuanennuro wom
nymph	nemfo (nkwadeɛ bi mmɔfra berɛm)
O	
objective	botaɛɛ
observation	ɔhwɛ/ani di akyi
observe	hwɛ/fa w'ani di akyi
obtain	Nya/fa
occasionally	berɛ ano berɛ ano (bere ne bere mu)
occur	esi/asi

Living Environment Glossary - High School Level

ENGLISH	TWI
octopus	posena
ocular	deɛ ɛfa ani ho
official	deɛ ɛfiri aban mu (nea wogyɛ tom)
offset	gyina mu ma
offspring	n'aseni
olfaction	pampantee/nea ɛma yɛtɛ hua
olfactory bulb	pampantee akwaa ahono
olfactory cell	pampantee akwaa nkwammoa
omnivore	deɛ ɔwe nam san we wura
oncogene	nkwammoa a ɛtumi ma nkwammoa bi de kokoram ba
one gene-one polypeptide hypothesis	adwenemsusuo a ɛkyere nkwammoa baako-pɔlɛpɛptaede baako.
ontogeny	ontogyeni (nipadua no nyini)
oocyst	osese (zaegotu)/osist
oocyte	osaese (kosua a ɛnnyiniɛ)/osaet
oogenesis	kosua hyehyɛ ne ne nyini
open circulatory system	mogya anamontuo a ɛnnyina mogya ntini no mu nko ara
operon	opɛɔn (nkwammoa ahoa a wɔde rna ba)
opinion	nsusuiɛ
opium	opiɔm (adubɔne a ne nom ka obi ho)
opossum	oposum
opportunity	akwanya
optic nerve	ani nɛɛvo
optical microscope	maakurosukopu a ɛde kanea di dwuma
optimum	aboro so koraa
order	hyɛ/hyehyɛ
organ	Akwaa
organ system	akwaa dwumadie
organelle (s)	akwaa nketewa
organic	deɛ ɛporɔ (nea nnipa nsa nnim)
organic acid	asid a ɛfiri deɛ ɛtumi porɔ mu
organic compound	kɔmpound a ɛfiri deɛ ɛtumi porɔ mu
organism	nkwadeɛ
osmosis	osimosisi
osmotic potential	deɛ ɛtumi de osimosisi di dwuma
osmotic pressure	osimosisi ahɔɔden
ossification	dompenyini/dompeye
osteoarthritis	apɔso kyere yaaya (nnompe mu yare a onyin de ba)
osteoblast	dompeye mu nkwammoa
osteocyte	ɔsiosaete (sɛl a ɛwɔ dompe anyin mu)
osteology	dompe mu adesua
osteoporosis	ɔsiporosisi (dompe a emu kalsiɔm asa)
outbreeding	nkwadeɛ mmienu a wɔmfiri abusua baako mu de ɔba reba
ova	ɔbaa nkosua
ovaries	ovary ahodɔɔ (akwaa a ɔbaa kosua firi mu)
ovary	Ovari (akwaa ekura/ɛtow kesua)
overall	ne nyinaa
overfishing	namyie mmorosɔɔ
overgraze	Mmoadidi mmorosɔɔ wɔ beaɛ baako

Living Environment Glossary - High School Level

ENGLISH	TWI
overproduction	woreye ama no aboro so
oviduct	ovidaate (doroben a kosua fa mu ko awodee/awotwaa mu)
oviparity	oviparity (kosua too)
oviparous	mmoa woto kosua
ovulation	ɔbaa mu kosuatoɔ
ovule	ovuli (aduaba nwura a edi kan)
ovum	awodee mu kosua
oxidation	ɔsedahyen
oxygen consumption	ɔsegyen dwumadie
oxygen cycle	nkwaɔdeɛ ɔsegyen dwumadie (oksigen kyinhyiadi)
oxygen-carbon dioxide cycle	ɔsegyen ne kaabɔn daɔsaede dwumadie/kyinhyiadi
oxyhemoglobin	ɔsehemoɔlobin (mogya a efi mmerebo no mu)
oyster	ɔyesa/adɔde
ozone	Ozone
ozone layer	ozone pampim (awia nkatanim)
ozone shield	ozone kyem
P	
pacemaker	odikanfo
paired	Abom (ɛbo ho abien)
Paleozoic	paliosɔeke
palisade mesophyll	palisade
pancreas	Akitagya (akwaa bi a ebata yafunu ho)
pancreatic duct	akitagya doroben
pancreatic juice	akitagya mu nsuo
paramecium	paramisiom
parasite	Parasaete (nea odidi afoforo ho)
parasitic relationship	parasaete ayɔnkofa
parasitism	parasaetesem
parasympathetic nervous system (PNS)	parasempateteke neɛvɔso dwuadie (PNS)
parathyroid hormone	parataelɔɔdo homon
parent cell	nkwammoa baatan
parent generation	awoɔ ntoatoasoɔ a edi kan
parental care	abateteɛ
parietal lobe	parentaa loobu (ɛwo amemene/adwene mu)
parrot	ako
Parthenogenesis	patenogenesisisi (woreyi eba afiri ɔbaa ho bere a barima nka ho)
partial	fa-ne-fa/nhw ɛ
particular	nkanka
passive immunity	bammɔ fa-ne-fa (bere tiaa mu bammɔ a yenya fi awo mu)
passive transport	nkwammoa mu nnuro anamɔntuo a wɔnsɛ ahɔɔden biara
pasteurization	worenoa biribi (senea woɔde aduru hohoro aduan ho nanso ɛnsɛ)
patella	kotodwe kwankora
pathogen (s)	Yareboa (yare mmoawa)
pathogenic	deɛ ede yareɛ ba
peat	piiti (tadeɛ mu dua/nwura a ɛreporɔ)
pedigree	pedigri (aboa bi/obi asefo anaase ne nkyi)

Living Environment Glossary - High School Level

ENGLISH	TWI
pedigree chart	pɛdigri krataa
peer review	mɛfoɔ nhwehwɛmu wɔ w'adwuma ho (mfefo adwumayefo adwuma ye ho nhwehwɛmu)
pellagra	pɛlagra (yareɛ)
pelvis	wo pa dompe/dwonku
penicillin	pɛniselen (aduru a wɔde sa nsanyare ahorow)
penis	kɔtɛɛ/barima dua
pepsin	pɛpsen (ɛye protein ho adwuma wɔ yafunu mu)
peptic ulcer	yafunu anaa adidie kwan mu kuro
peptidase	pɛtidɛsi
peptide bond	pɛtaede mfamye
percentage	ɔha mu abupɛn
perennial	afe afe (ɛtaa si toatoa so)
perform	ye (di dwuma bi)
pericardium	pɛrikadiɔm (ade a edura koma ho)
period	berɛ
peripheral nervous system	nɛɛvo dwumadie a ɛnka deɛ nɛɛvo dwumadie baatan no ye no ho
peristalsis	pɛsesaassɛsɛ (sɛnea nsono yam aduan)
permafrost	pɛmafɔɔso (asase a agudie pii wɔ so) (asase sukyerɛma wɔ so daa)
permeable	deɛ biribi tumi fam
permit	ma kwan
perspiration	Mfifire (fifiri tew)
pest	mmoa nketewa
pesticide (s)	aduro a yɛde kum mmoawa nketenkete
petal	nhwiren
petri dish	pɛtrideehye (ayowa a wɔde kora/yɛn mmoawa)
petrification	sɛnea wɔdan nnua/afifide mu nneɛma bi abo
pH indicator	ph kyerefoɔ
pH scale	ph susudua
phagocyte	Fagosaete (sɛl bi a ɛsɛ nwura ne mmoawa nketenkete)
phagocytosis	Fagosaetosisi (ɔkwan a sɛl sɛ nwura ne mmoawa nketenkete de ko tia nyarewa)
pharynx	Farense (kwan a ɛda yafunu ne ahurututu ntam)
phase contrast microscope	maakurosukopu a ɛde mfonini sonobi-sonobi mmienu ba
phenol	fɛnɔlo (aduru)
phenotype	Fenotaepo (sɛnea aboa bi te esiane baabi a ɔte)
phenylalanine	Fenelalanaen (amino asid bi ɛwɔ protein mu a ɛboa ma mmofra nyin, ɛdɔɔso wɔ nufusu ne nkesua mu)
phenylketonuria (PKU)	fenelketonuria (PKU) (yare bi a ɛde adwenemhaw horow ba)
pheromone	fɛrɔmɔn
phloem	flɔɛm
phosphate	fɔsofeti
phospholipid	fɔsofolipide
phosphorus	fɔsfɔɔso
phosphorylation	wode fɔsofɔrele reka aduro bi ho
photic zone	fɔtic beaɛɛ
photolysis	fotolysɛsɛ
photon	Foton

Living Environment Glossary - High School Level

ENGLISH	TWI
photosynthesis	fotosintesesese
phototropism	fototropesem
phylum	fyɔm (abusua)
physical	deɛ ani hunu
physiology	feseɔlɔgye
physiotherapy	feseɔterapi
phytoplankton	fytoplanten
pigment	deɛ ɛma ahosuo
pill	topaɛɛ
pimple	Pimposu
pineal	Paenele
pineal body	paenele nipadua
pinocytosis	paenosaeetosisi
pioneer	odikanfoɔ
pioneer species	nkwadeɛ a wɔdi kan
pistil	borɔwɔ (afifide fa a ɛye ɔbea)
pituitary dwarfism	apeto a ɛfiri enyini homon ho haw
pituitary gland	enyini homon akwaa
placenta	akyiadeɛ (awo akyi ade)
placental mammal	Mamaa/aboa a ɔwɔ akyiadeɛ
placental membranes	akyiadeɛ honam
plague	owuyareɛ/ɔhaw
plankton	planten (nkwadeɛ a wote ɛpo ani)
plant	Dua/afifide
plasma	plasema (mogya nsuo)
plasma membrane	plasema honam
plasmid	plasemedede
plasmolysis	plasemolesese
plastid	palsetede
platelet	platelete
Platyhelminthes	platehɛmentese
pleura	plɔra
pleural cavity	plɔra bɔn
plexus	plesɔso
pneumonia	nimonia
poaching	adewia
point mutation	nkwammoa nnanemu bi
poisonous	awuduro
polar zone	mmeamudua gwinabea
pole	Mmeamudua (dua)
polio	mmubuo yareɛ (polio)
pollen grain	polin aba
pollen tube	polin doroben
pollination	wode barima ho nsuo reka ɔbaa kosua ho (nnua mu)
pollutant	Nea ɛde efi ba
pollution	efiyɛ/poluhyen
polygenic	pɔlegyeneteke
polygenic traits	pɔlegyeneteke ase

Living Environment Glossary - High School Level

ENGLISH	TWI
polymer	ƆƆlema
polymerase chain reaction (PCR)	ƆƆlemaɾase dwumadie a etoatoa so (PCR)
polymorphism	ƆƆlemɔfesem
polyp	ƆƆlepo
polypeptide	ƆƆlepeɾotaede
polyploidy	ƆƆleplɔede
polysaccharide	ƆƆlesakaraede
pond	Abura
population	nnipa dodoɔ (ɔdodoɔ)
population density	nnipa dodoɔ
population genetics	nnipa dodoɔ nkwammao
positive feedback	anoyie papa
posterior	Akyire
potential	deɛ ɛbetumi aba
pouched mammal	Mamaa/aboa a ɔwɔ deɛ ɔde kyerekyere ne ba san fa no
precipitation	nsutɔ
predation	sɛ aboa bi bekyere ɔfoforɔ awe
predator	deɛ ɔkyere ne yɔnko
predator-prey relationship	deɛ ɔkyere ne yɔnko ne deɛ ɔkyere no no ntam twaka
predatory	asetena a mmoa binom kum afoforɔ we
predict	ka to hɔ
prediction	nkatohɔ
pregnancy	nyinsɛn
premature birth	awontɛm/nyinsɛn a ne bere anso
prepare	yɛ ahoboa/siesie wo ho
present-day	ɛnɛ da yi/mprempren
preserve	hyɛ/bɔ ho ban/kora so
prevent	si kwan
prevention	akwansie
prey	deɛ wɔkye no we
primarily	deɛ ɛwom ara (nea edi mu akoten)
primary consumer	deɛ ɔtɔ anaase ɔdi pa ara
primary productivity	deɛ wɔyɛ ankasa
primary root	ne nhini ankasa
primary succession	nnidisoɔ nnidisoɔ ankasa
primate	mamaa kuo ba (adoe abusua)
probability	mɾɛn dodoɔ a ɛbetumi asi
procedure	Kwan a wɔfa so yɛ ade
process	Kwan a wɔfa so yɛ ade/di biribi ho dwuma
producer	deɛ ɔyɛ biribi
product	adeɛ/adetɔnneɛ/deɛ obi aye
progesterone	progesɛɾɔn (kosua ho nkwammao a ɛma ɔbaa yɛ krado ma nyinsɛn)
prohibit	si kwan/bra
prokaryote	prokayoti
promoter	deɛ ɔgyegyee biribi so (nea ɔhyɛ biribi ho nkuran/bɔ ho dawuru)
property	agyapadeɛ
prophase	nkwammao mu nkyɛmu ahyɛaseɛ

Living Environment Glossary - High School Level

ENGLISH	TWI
proportion	ɔfa
proposal	adesɛ/adepe/adwenkyere
prostaglandin	prosagladen
prostate gland	prosate akwaa
protease	protiise
protect	bɔ ban
protein	protein
prothrombin	protrommin
proton	protɔn
protoplasm	protoplasem
protozoan	deɛka protozoa ho
provide (d)	ma
pseudopod	sidopɔdo
psychosis	saekosese/adammɔ
ptyalin	taelen (ntasuo mu nkwammoa bi0
puberty	afikyirikɔ/bra/mmabun bere
pulmonary artery	ntini a ede mogya firi akoma no mu kɔ ahurututuo no mu
pulmonary circulation	mogya aforosanedie wɔ akoma rekɔ ahurututuo mu
pulmonary vein	ntini a ede mogya firi ahurututuo no mu kɔ akoma mu
pulp	aduaba mu wesrawesra
pulse	home so (sɛnea koma bɔ)
punctuated equilibrium	nkwadeɛ mu nsesaɛ a bere tenten mu nhomesoɔ ne berɛtia mu nsesaɛ wom
pupa	pupa
pupil	aniboa
pure	korogyee/kann (emu tew/koronyenn/wɔmmfraa mu)
pure dominant	nhyesoɔ kann/dodoɔ kann
pure recessive	resesifo kann
purine	purine
purple	pɛɛporo (afasebiri)
pus	ekuro anim borɔ (puw nsu/sɛ nsu fi biribi mu)
pyloric sphincter	paelbleke sefinta
pyramid	piramede
pyramid of biomass	nkwadeɛ dodoɔ ho piramede
pyramid of energy	ahoden piramede
pyrimidine	paeremedem
pyruvic acid	paerveke asede
Q	
qualitative	biribi su
quality	ne papa
quantitative	ɔdodoɔ
quarantine	kyere gu ban mu
quinine	Kunin (aduru nwenwene a wɔde sa atiridii)
quotation	Kotehyin (sɛ wofa obi asem aka/kyere biribi bo)
R	
radial symmetry	redia semetri
radiant energy	redeente ahɔɔden

Living Environment Glossary - High School Level

ENGLISH	TWI
radiation	Radiehyen (hann a efi biribi mu ba)
radiation	Radiehyen (hann a efi biribi mu ba)
radicle	radikele
radioactive	deɛ ɛtumi de radiehyen ba
radioactive dating	kwan a yɛfa so de deɛ ɛtumi de radiehyen ba kyere birbi mfeɛ
radioactive element	ɛlɛmente a ɛtumi de radiehyen ba
radio-carbon method	radio-kaabɔn kwan so
radiotherapy	radiehyen kwan so ayaresa
radius	rediso
ragweed	Ragewiid i (afifide/nwura bi a bɔre wom)
random	Ntotosisie (nhyehyɛɛ biara nna ho)
rapidly	ntɛntɛm (ntɛmso)
reabsorption	reabsorption (ntweprenu)
reactant	deɛ nsesaɛɛ aba ne mu
reaction rate	sɛdeɛ nsesaɛɛ bi kɔ so ntɛm so fa
recently	nnansa yi ara
receptacle	deɛ yɛde biribi gu mu
receptor	ɔgyefɔɔ
receptor molecule (s)	molekuli ɔgyefɔɔ
recessive	resesifo
recessive gene	resesifo nkwammao
recombinant DNA	rekɔmminante DNA
recombination	rekɔmminante
recombination gamete	rekɔmminante gameti
record	kora
recover	san kɔfa
rectum	tompu/to kwan ano
recycle	san fa di dwuma
recycling	wosan de redi dwuma
red blood cell	mogya nkwammao kɔkɔɔ
red corpuscle (red blood cell)	mogya nkwammao kɔkɔɔ
reduced	deɛ ɛso ate
reduction	ntesoɔ
reduction division (meiosis)	nkyɛmu a kromosom ntesoɔ wom
reflex	preko pɛ so dwumadie
reflex arc	nɛɛvo kwan a preko pɛ so dwumadie fa so ba
reflex center	adwenem fa a ɛhwɛ preko pɛ so dwumadie
reforestation	nnuadua
refractory period	refratri bere
refute	ko tia/po
regeneration	awofofɔɔ
regular	daa daa adeɛ
regulated	deɛ mmara wɔ ho
regulation	mmara
related	wɔn a wɔbɔ abusua anaase wɔsɛ
relationship	twaka
relative dating	sɛdeɛ asisem ahodoɔ binom sesa so fa
release	gyae mu

Living Environment Glossary - High School Level

ENGLISH	TWI
reliable	deɛ ahotɔsoɔ wom (nea yetumi de to so)
rely on	fa wo ho to so
remain	gyina deɛ wote anaa wogyina
remote	tete/akura
renal artery	rena mogya ntini
renal circulation	rena mogya aforosaneɛdie
renal portal vein	rena pɔtaa mogya ntini
renal vein	rena mogya ntini
renewable	deɛ wotumi dane mu
renewable resource (s)	akadeɛ a wotumi dane mu
rennin	renin
replicate	yɛ ne sɛso
replication	woreyɛ biribi sɛso
represent	gyina hɔ ma
reproduce	san yɛ/fa yɛ
reproduction	woresan ayɛ
reproductive isolation	tumi a nkwadeɛ bi ntumi ne nkwadeɛ aforɔɔ a ɔne wɔn sɛ nhyia mfa ɔba mma
reptile	rɛtaele (ɔwɔ abusua anaase mmoa a wɔde wɔn afuru twi fam)
require	ɛhia (hiade/ahwehwɛde)
research plan	nhwehwɛmu ho nhyehyɛɛ
researcher	nhwehwɛmuyeni (nhwehwɛmufo)
resemble	sɛ/edi nɛ
residue	aseɛ (fi)
resistance	nkotia
resource (s)	akadeɛ
resources management	akadeɛ ntotoɛɛ
respiration	ɔhomeɛ
respiratory chain	ɔhomeɛ ho ntoatoamusem
respiratory surface	ɔhomeɛ nkwammoa binom
respiratory tract	ɔhomeɛ kwan
response	anoyie
resting potential	nɛɛvo nkwammoa afa mmienu no mu nsonsonoɛɛ wɔ berɛ a wada
resting stage (interphase)	ɔhomeɛ berɛ anaase ɔhomeɛ nsaasaamu
restriction enzyme	nhyɛsoɔensaemo
result	nsunsuansoɔ
reticulum	rɛtikɔɔm
retina	retina/ani kurotiawisie
retrovirus	retrovaarɔso
Rh negative blood	rh negetifo mogya
Rh positive blood	rh pɔsetefo mogya
Rhesus factor (Rh factor)	resɔso fakɛtor (Rh factor)
rheumatic fever	ahotutuo huraeɛ
rheumatoid arthritis	rematɔede apɔsoyɛa
rhizoid	resɔede
rhizome	Raesomo
rib	mfe mpanneɛ
rib cage	wo bo nkrampan

Living Environment Glossary - High School Level

ENGLISH	TWI
riboflavin	riboflafen
ribonucleic acid (RNA)	ribonukleike aside (RNA)
ribose	ribosu
ribosomal RNA	ribose RNA
ribosome (s)	ribosomu
ricketts	reketē (boolegē)
ringing	biribi rebɔ dennen
ringworm	mmoawa bi/kakawirewire
rip	Te/pae mu
ripped	teeē
risk	deē ebetumi de ɔhaw aba
RNA polymerase	RNA pɔlemerase
roach	tefre
Rocky mountain spotted fever	huraeē bi a ede apɔsoyēa nam
rodent	akura abusua
root	nhini
root hair	nhini ho nwi
root module	nhini modulu
root pressure	kwan a nsuo nam so kɔ nnua mu
rotation of crops	afuyē a wɔsesa nnɔbaeē no afe biara
roughage	nnuaba akyi wesrawesra
roundworm	mmoawa bi
routine	daa daa dwumadie
rubella	rubella (yareē)
rudimentary organ	akwaa enyē adwuma biara
ruminant	aboa a ɔpu wesa
runner	dua nhini a etretē kɔ soro
S	
Sabin vaccine	Sabin abota
saccharide	sakaraede
saccharin	sakaren
salamander	mampam
saline	nkyenkyene
salinity	nkyene dodoɔ
saliva	ntasuo
salivary amylase	ntasuo amilesi
salivary gland	akwaa a eyē ntasuo
Salk vaccine	salk abota
salmon	saamɔn
salmonella	samɔnela
salt marsh	Kako (asase a eda fam a sukyene taa bu fa so)
saltwater	nkyene nsuo
sample	Ebi/nhweso
sand	anwea
sandy soil	nnɔteē a anwea wom/anweatam
sanitary	ahonidie
sap	dua anaa nhahan mu nsuo

Living Environment Glossary - High School Level

ENGLISH	TWI
saprophyte	saprofaate
saturated fats	nam ne nufusuo mu anwa
scale	susudua
scallop	sekaloƆo
scarcity	deɛ ɛho aye den/ye na
scavenger	zoomlionni/deɛ ɔprepa kurom (nea ɔsesaw nwura/aboa a odidi sumina so)
schizophrenia	Schizophrenia (adwenemhaw)
Schwann's cell	Schwann nkwammoa
science	abɔdeɛ-mu-nyansape adesua
scientific method	abɔdeɛ-mu-nyansape nhwehwemu kwan so
scientific theory	abɔdeɛ-mu-nyansape adwenemusem
scientist	abɔdeɛ-mu-nyansapefoɔ
scion	mman
sclera	ani fa a ɛye fitaa
sclereid	sekeleridi
sclerosis	sekerosisi
scorpion	nyanyantwere
scrotum	hwoa bɔɔ
scurvy	sekɛvi
sea anemone	ɛpo anemɔne
sea cucumber	ɛpo aboa bi a ɔte se kakumba
sea urchin	ɛpo ɛkyen
seal	siili (bonsu nua)
sebaceous gland	ɔfa a ɛka akwaa a ɛkyi sraɛɛ ho
sebum	sebum
second filial generation	nkwadeɛ mmienu a wɔfiri awoɔ ntoatoasoɔ baako mu ba wɔbewo no
secondary consumer	mmoa wɔwe mmoa nketewa
secondary mycelium	maeseliom
secondary sexual characteristics	deɛ ɛkyere se obi aso bragoro
secondary succession	atenaɛ dada a ɛho aseɛ na nnanemu bi nam ɔseɛ no so aba
secretin	sekritin
secretion	nsukyie
sedimentary strata	sedementri setrata
seed	aba
seed dispersal	aba pete
seep out	ɛtene ko
segment	ɔfa
segregation	akuo mu nkyekyemu
selection	nyiyimu
selective breeding	seɛdeɛ nnipa yiɛi mmoa anaa nnua binom nam so de afoforo firi mu ba
selective permeability	seɛdeɛ nsuonsuo tumi fa nneema binom mu na ebi deɛ entumi
selective permeable membrane	honam a ema nsuonsuo binom fa mu na ebi deɛ emfa mu
self-fertilization	nkwadeɛ a ɔno tumi ma barima nsuo gu ɔbaa kosua so de ɔba ba
self-pollination	nkwadeɛ ɔno tumi ma barima nsuo gu ɔbaa kosua so
semen	simen (barima ho nsu)
semicircular canal	kankofa kwan
semicircular valve	kankofa vaavo

Living Environment Glossary - High School Level

ENGLISH	TWI
seminal vesicle	semina vesekele
seminiferous tubule	hwowa mu ntini
semipermeable membrane	honam a nsuonsuo binom tumi fa mu na ebi nso ntumi
sensitivity	atenka
sensitization	nkyerɛkyerɛ
sensor	deɛ ete nka
sensory area	ɔfa a atenka wɔ
sensory nerve fiber	nɛɛvo ahoma a ete nka
sensory neuron	nurɔn a ɔboa adwene no ma ɔte nka
sensory receptor	akwaa a ɔwɔ atenka
separate	kyɛ mu
septum	nkyɛmunam
sequence (s)	nnidisɔ
series	deɛ yɛahyehyɛ
serum	serum/abota
served as	dii dwuma sɛ
sessile	nwura a ɛfifiri dua baatan no ho ankasa
setup	hyehyɛ
sewage	nsufi
sex cell	nkwammoa
sex chromosome	kromosom a ɛkyerɛ bɔbea
sex hormone	homon a ɛma adagya mu akwaa ahodoɔ nyini
sex organ	nkwadɛɛ bi barima anaa ne baa
sex-linkage inheritance	esu bi a ɛwɔ nkwadɛɛ binom ho a ɛfiri nna mu homon bi
sex-linked gene	nkwammoa bi a ɛfiri nna mu homon bi
sex-linked trait	esu bi a ɛfiri nna mu homon bi
sexual	deɛ ɛfa nna ho
sexual generation	deɛ ɛde ɔbaa kosua ne ɔbarima ho nsuo ba
sexual maturity	nna mu dwumadie ho nyini
sexual reproduction	wonam nna so de ɔfoforɔ reba
sexually transmitted diseases	nna mu yaree
shark	bonsu
shore	mpoano
shortsightedness	deɛ ɔnhunu adeɛ wɔ akyire
shoulder joint	abatire pɔ so
shrub (s)	hyrɔɔbo (dua ketewa bi/mfofo)
Siamese twin	ntaafɔɔ a wɔn akwaa bi bom
sibling (s)	onua (anuanom)
sickle cell	ahotutuonini
sickle cell anemia	ahotutuonini anemia
side effect	ɔhaw a ɛwɔ ho
significance	mfasoɔ
simple microscope	maakurosukopu a ɛnni nneɛma pii
simple reflex action	dwumadie ne eho mmuaɛɛ preko pe
simple sugar (monosaccharide)	asikyire
single circulation	aforosaneɛ
single-gene trait	esu a ɛfiri nkwammoa baako mu
Sino-atrial node (S-A node)	Sino-atrial pɔ so (S-A node) (akoma mu akwaa bi)

Living Environment Glossary - High School Level

ENGLISH	TWI
sinus	ntokuro a ededa wo hwene dompe mu
siphon	twe
site	beaeɛ
skeletal muscle	enam a efam nkrampan ho
skeletal system	nnompe anaa nkrampan dwumadie
skeleton	nkrampan/nnompe
sketch	yɛ
skin	wedeɛ
skull	tikwankora
sleeping sickness	Adeda adeda yareɛ (nna yare)
slide	yi fa so
sludge	aforɔ
small intestine	nsono nketewa
smallpox	nsawanini
smog	kusukuukuu
smooth muscle	semutu nam
sneezing reflex	wansini
soak	fa hyɛ nsuom
soda	Soda
sodium	sodiɔm
sodium bicarbonate	sodiɔm baakaboneti
sodium chloride	sodiɔm kɔbraade
sodium ion	sodiɔm ayɔn
soil	dɔtee
soil conservation	dɔtee kora
soil depletion	dɔtee hohoro
soil erosion	dɔtee hohoro
solar energy	awia ahɔden
solid bone	dompe a tokuro nna mu
solute	nhonoɛɛ/deɛ ahono
solution	mfraeɛ
solvent	deɛ ehono aforɔ
somatic	somateke
somatic cell	somateke nkwanmoa
somatic nervous system	somateke nɛɛvo dwumadie
soot	wisiapunuu
sort	yiyi mu
source	deɛ ɛfire/fibea
specialized	deɛ yɛahyɛ da ayɛ
speciation	spesiehyen
species	spihyisi/nkwadeɛ akuo
species diversity	nkwadeɛ akuo mu sonobi-sonobi
specific	pɔtee
specificity	pɔteeyɛ
specimen	sepesimen (nhweso)
spectacular	Kama
spectrum	sepetrɔm
sperm	nkwanmoa/sepɛmo

Living Environment Glossary - High School Level

ENGLISH	TWI
sperm duct	Nkwammoa (kwan a barima ho nsu fa mu)
sperm nuclei	nkwammoa nukelae
spermatid	sepematede
spermatocyte	sepamatosaaate
spermatogenesis	barima nkwammoaye
spermatophyte	sepamato
sphincter	to ano
spike	nsɔɛɛ/hwirow mu
spill	tue
spinal column	beremo
spinal cord	akyiri beremo
spinal nerve	akyiri nɛɛvo
spindle	sepennele
spindle fiber	sepennele ahoma
spleen	Akwaa a ɛben adiditwaa anaa bofuro a ɛsɔne mogya so
splice	ntoam
splits	kyɛ mu
sponge	sapɔ
sponge bone	koram dompe
spongy layer	mmeamu a ɛte sɛ sapɔ
spongy mesophyll	mɛsɔfele a ɛte sɛ sapɔ
spongy tissue	enam sapɔsapɔ
spontaneous generation theory	adwenemususo a ɛkyerɛ kwan a nkwadeɛ firi deɛ ɛnni nkwa mu ba
spontaneous mutation	kwan a DNA fa so ye bi ka ne ho a enam so de nsesaɛ ba ne mu
sporangium	bɔtɔ a yɛnya nkwammoa firi mu
spore	sopɔɔso/nkwammoa bi
spore reproduction	nkwammoaye
sporophyte generation	soporofaateye
sporulation	sopɔye
spot	beaɛɛ/nkekaawa
sprain	apɔsofekyere
spray	pete
sputum	ahorɔ
square	ahinanan
squid	sekweede
stability	pintinnye
stable	deɛ ɛgyina
stain	nkekaeɛ
staining	deɛ aka biribi mu
stalk	ahaban ntuasɔɔ
stamen	borɔwɔ
staminate flower	nhwiren a borɔwɔ wom
staphylococcus	setafelokocɔso
starch	staakye
starfish	nsunam a ote sɛ nsoroma
statement	anodisɛm/anomɛm
steady state	gyinabea a ɛnsesa
stem	dua fimfini

Living Environment Glossary - High School Level

ENGLISH	TWI
stereomicroscope	maakurosukopu a εwɔ nhwemu mmienu
stereoscope	seteriosukopu
sterile	seteraale (bonin)
sterility	dee yede afa seteraale mu
sterilization	woreyi yaremkoa afiri biribi ano
sterilizing	woreyi yaremkoa afiri biribi ano
sternum	dompe a ekura wo mfe nkrampan ahodoɔ mu
steroid	seterɔɔdo
stethoscope	setetosukopu
stigma	setema
stimulate	woreboa biribi ama akɔ so
stimuli	nneema εboa biribi ma no kɔ so
stimulus	dee εboa biribi ma no kɔ so
stinging cell	nemato
stock	nneema a yehyehye
stolon	Sotolon (dua baa)
stomach	bofuro/adiditwa/yafunu
stomata (stoma)	sotomata
stops	agynaee
storage	akoraee
storage tissue	honam a ekora adee
strains	nnwom ano nnyegyeee
strand	ahomatea baako
stream	susuan
streptococcus	mmoawa a wɔde menem yaree ba
streptomycin	mmoawa ano aduro
striated muscle	honam a emu nkwamkoa no ahyehye tee
strip	teaa
strip cropping	woredua nnɔbaee wɔ teatea nhyehyeee so
stroma	sotroma
structural formula	molekuli bɔbea nhyehyeee
structure	nhyehyeee
style	esu/nhyehyeee/kwan
subsoil	dɔtee nkyekyemu
subspecies	nkwaadee kuo bi nkyekyemu
substance	aba/biribi mu aba
substrate	baabi a nkwaadee bi te
succession	saseehyen
sucker	dua bi ba (te se borɔdeba)
sucrase	sukresi
sucrose	sukrosu (asikyire)
suction pressure	ɔhye a εwɔ ɔtwee mu
sulfa drug	ɔɔfa aduro
sulfur	ɔɔfa/sufre
sulfur dioxide	ɔɔfa daɔsaede
superior vena cava	vena cava fa a ede mogya firi etire mu kɔ akoma no mu
surface tension	sedee nsuonsuo ani molekulise keka bom ma ani da
surgery	seegyiri

Living Environment Glossary - High School Level

ENGLISH	TWI
surrogate parent	surogeti ɔwofɔɔ
surround	fa ho
survival	kye ade/tena ase
survival of the fittest	deɛ ne ho ye den kye ade
survive (d)	kye ade
suspension	ntwesɛn
sustainable use	deɛ yetumi de di dwuma berɛ tenten mu
suture	ekuropam
swamp	tadeɛ
sweet gland	akwaa a ɛkyi aduro a ɛye de
swim-bladder	nsunam mframa bɔɔ
symbiosis	sembiosisi
symbiotic	semmayoteke
sympathetic	ahummɔbrɔ
sympathetic nervous system	ahummɔbrɔ nɛɛvɔso dwumadie
symptom	ɔhaw a ɛda biribi adi
synapse	senapose
synthesis	sentɛsese/nkabom
synthesize	ka bom
synthetic circulation	sentɛteke aforosaneɛ
systole	sesetole
systolic pressure	sesetole ho ɔhyɛ
T	
tadpole	tipolipo
taiga	taega
tail fin	nsunam to
tanker	tanka
tap root	dua nhini kɛsɛɛ a ɛkɔ fam pa ara
tapeworm	mmowa
tar	kootaa
taste bud	tɛkyerɛma so akwaa a ɛma wote de
taxonomy	kwan a yefa so to nkwadeɛ ahodoɔ din
Tay-Sachs disease	tay-sachs yareɛ
technique	kwan
technology	kwan foforɔ
telophase	nkwammoa mu nkyɛmu a etwa toɔ
temperate deciduous forest	kwaɛɛ biretuo
temperate zone	asase soro fam
temperate inversion	tɛperete invɛɛhyen
template	nhwesɔɔ
tend to	hwe
tendon	tɛnnɔn (ntini a ɛka honam ne dompe bom)
tentacle	amantam
terminal bud	nkɔn mu
termite	Nkanka/mfɔte
terrace	tɛrɛse
terrestrial	deɛ ɛfa asase a yete so yi ho

Living Environment Glossary - High School Level

ENGLISH	TWI
terrestrial biome	tērestraa bayom
territory	asase kyefa
test cross	nkwammao sɔhwɛ
testis	hwowa
testosterone	tɛstɔsɛrɔn
tetanus	Nkantamase/asinsen
tetrad	ahinianan nhyehyɛɛ
tetraploid	kromosom a ɛtɔ so nan
thalassemia	talasemia
theory	adwenemusuo
theory of use and disuse	mmara a ɛkyɛɛ sɛ nkwadɛɛ bi de n'akwaa di dwuma a, ɛma no ahɔɔden nanso sɛ ɔgyaɛ na ɔmfa nyɛ hwee a, ɛma no yɛ mɛɛ.
therapy	aduyɛ
thermal pollution	tɛɛma poluhyen
thicker	Teka/nea emu piw
third-level consumer	dɛɛ ɔde biribi a yɛde adi dwuma mprenu so san yɛ adwuma
thoracic duct	torase bɔtɔ
thorax	Torase/koko/wo bo
threshold	hyɛɛ/trɛhyoodu
thrombin	trombin
thromboplastin	tromboplasen
thrombosis	trombosisi
thrombus	trombɔso
thymine	taemen
thymus gland	taamɔso akwaa
thyroid gland	taarɔdo akwaa
thyroid-stimulating hormone (TSH)	homon a ɛkeka taarɔdo ma no di dwuma (TSH)
thyroxine	taarɔsin
tibia	nantu
tissue culture	worema akwaa bi atena nkwa mu wɔ kɔɔkyɛ bi mu na asan anyini
tissue fluid	nsuo a ɛtumi fa nkwammao mu
tissue (s)	nkwammao
tobacco	tawa
ton	tɔn
tongue rolling	tekyerɛmakyim
tonsil	kɔn ho kosua
tonsillitis	tɔnsillitisi
tooth decay	Kaka/seporɔw
tooth root	ɛse ntini
toothpick	abaa a yɛde yi se mu
topsoil	asase ani
toxic	awuduro
toxin (s)	awuduro a ɛfiri nkwammao mu
trace element	aduro bi te sɛ ayɔn kakra bi a ɛwɔ nipadua mu
trachea	trakea
tracheophyte	trakeafaete
trade-off	awowa
traffic	trafeke/mmɔmpeeso (kwan/akwantu)

Living Environment Glossary - High School Level

ENGLISH	TWI
trait (s)	esu
transcription	transekrepohyen (woretwere okasa bi agu nkrataa so)
transduction	transedaahyen
transfer	yi ko
transfer RNA (t RNA)	RNA a eyi amino asede ko baabi (t RNA)
transformation	nseae frenkyemm
transfusion	Transefuhyen (se wode nsu/mogya ma obi)
transgenic	transegyeneteke
translation	nkyerese
transmission	woretwe bribi ako baabi
transmit	twe ko
transpiration	ntutuo kwan a ofa so ko soro
transpiration pull	ohye a etwe nsuo firi dua ntini mu ko n'ahaban mu
transplant	ntute
transport system	kwan a nkwaee fa so twe nsuo ne nnuanennuro
transverse colon	wo nsono to no mfimfini
transverse section	nkwantanan
trauma	ehubo
treatment	ayaresa
treat	sa
trend	dee aba so
trial	shwe
triceps	abasa
trilobite	tralobaete
translocation	dompehwan
triple-beam balance	susudua a ekura nsuue mmiensa
triplet code	nkwammoa noma kann
triploid	trepelbede
trophic level	trofeke gyinabea
tropical rain forest	kwae birentuo
tropical zone	beae a ewo tropeke no mu
tropism	trapesem
trypsin	trepesen
tuber	bayer ana bankye fua
tuberculosis	ewanini
tubing	doroben
tubule	doroben ketewa
tumor	kokoram
tundra	tunnra (asase pradadaa/asasetam)
turbidity	teebiditi (se nsu bi fono/hono)
turgid	dee enye anika
turgor pressure	teegohye
Turner's syndrome	Turner yaree
typhoid	taafodo
U	
ulcer	yamkuro
ulna	ulna (akokobeto mu dompe)

Living Environment Glossary - High School Level

ENGLISH	TWI
ultracentrifuge	ɔtrasɛntrifugye
ultrafiltration	ɔtrafetrehyen
ultrasound	ɔtrasawonno
ultraviolet light	ɔtravawlete kanea
umbilical cord	furuma so ahoma
umbilicus	furuma
undergo	ɛfa mu
unicellular	nkwaɔɛ a ɔfiri nkwaɔmoa baako mu
universal recipient	Deɛ ɔtumi gye mogya firi obiara hɔ
unsaturated fats	nɔnuaba mu anwa anaa sraɔɔɛ
uracil	yurasele
uranium	yurenioɔm
urban desert	kuro a hwee nnim
urbanization	kuropɔnyɛ
urea	dwonsɔ
urease	yurisi
ureter	yurita
urethra	yuritra
uric acid	dwonsɔ mu asede
urinary bladder	dwonsɔɔwa
urinary system	dwonsɔ ho dwumadie
urine	dwonsɔ
uterine lining	ɔɔɛ ɛɛɛ awoɔɔɛ mu
uterus	awoɔɔɛ
utilize	fa ye adwuma
V	
vacant	ɔɔɛ ɛɔa hɔ kwa (te ɛɛ danto)
vaccinated	ɔɔɛ wɔama no abota
vaccination	abota
vaccine	abota aduro
vacuole (s)	vakuolu (nkwaɔmoa mu bɔɔɔ bi a mframa anaa nsuo wom)
vagina	ɛtwe
valid	ɔɔɛ ɛɔi mu
valine	valaen
valuable	ɔɔɛ ɛsom bo
valve	vaavo
vane	ven (aɔɔɛ biara a ɛtwa ne ho nsa a ɛtwa ne ho no bi)
variability	ɔɔɛ sonobi-sonobi tumi ba mu
variable	sonobi-sonobi
variable factor	ɔɔɛ ɛɔe sonobi-sonobi ba
variation	nsonsonoɔɛ
variegated leaf	ahaban a ɛwɔ afa anaa ahosuo pii
variety	ɔfa anaa nkyemu bi/ahorow
various	ahodoɔ/ahorowye
vas deferens	doroben a ɛɔe barima ho nsuo kɔne kɔte mu
vascular bundle	nipadua mu doroben no bi
vascular cylinder	doroben atitire mmienu

Living Environment Glossary - High School Level

ENGLISH	TWI
vascular plant	dua a ede doroben atitire di dwuma
vascular ray	nkwammoa bi a wɔsesa so wɔ nkwadeɛ mu
vascular system	doroben ahodoɔ a wɔde nsuonsuo ahodoɔ di aforosaneɛ
vascular tissue	doroben ahodoɔ mu nkwammoa
vasoconstriction	mogya ntini mumia
vasodilation	mogya ntini mubue
vasopressin	vasopresen
vector	vɛeta (aboa a ɔde yareboa firi nkwadeɛ bi ho koma ɔfoforo te se ntontom)
vegetation	nwuram
vegetative propagation	nnuadua
vein	Vein/ntini
vena cava	vena kava
venereal disease	yare a wonya fi nna mu
venous flow	vein mu aforosaneɛ
ventral	deɛ ɛfa yafunu ho
ventral blood vessel	mogya ntini a ewɔ mmoawa mu
ventral nerve cord	ventraa nɛɛvo ahoma
ventral root	ventraa nhini no mu baako
ventricle	akoma fa bi a ɛpia mogya ma mogya ntini no bi
venule	venule
Venus flytrap	venɔso dua
vertebra (e)	vɛɛtibra (akyi dompe no fa bi)
vertebral column	akyiri dompe
vertebrate (s)	aboa a ɔwɔ akyiri dompe
vesicle	mpomponya
vessel	ntini
vestigial	sini (te se dunsini anaa dansini)
vestigial	sini/aseɛ (te se dunsini anaa dansini)
vigorously	abrane so
villi	Vili
villus	vilɔso
viral disease	yareɛ a ɛfiri vaalɔso
virus	vaalɔso (yare mmoawa)
viscera	vesekera (akwaa atitire bi te se brɛboɔ, akoma ne bofuro)
visceral muscle	vesekera honam
visible spectrum	ahosuo hyehyebea
vital	deɛ ɛhia pa ara
vital capacity	ahurutuo no ahoden wɔ ɔhomeɛ mu
vitamin	vitamin
viviparous	viviparɔso (ɔba a yenya firi awoɔ mu na enye kosuatoɔ)
vocal cords	mpoeɛ nhoma
volume	dodoɔ (nsuonsuo)
voluntary action	dwuma a wohye da die
voluntary behavior	suban a wohye da da no adie
voluntary muscle	honam a wotumi hye da de di dwuma
volunteer	atuwohoakyeni

Living Environment Glossary - High School Level

ENGLISH	TWI
W	
waiting	ɔtwɛn
walnut	wɔɔnate
warm-blooded	nkwadeɛ a ne ho yɛ hye
warning coloration	mmoa akwaa ahodoɔ a eyɛ hu
waste	dɛɛ asɛɛ
water potential	ahodoɛn a nsuo wɔ a ɛde foro nnua ntini de kɔ nnua no mu
water vascular system	dwuma a doroben a nsuonsuo wom di de boa nkwadeɛ ahodoɔ
water-cycle	nsuo dwumadie (nsu kyinhyiadi)
wavelength	ahodoɛn anoden ahodoɔ
wax layer	waase fa
weasel	Wisele (kotomponi/ɔdaadaafo)
weather	ewiem bɔbea
weathering	dwuma a ewiem bɔbea di de sesa ahosuo ne ade
web	ntentan
weed killer	kumwura
wetland	tadeɛ
wet-mount slide	bepɔdwiri
whale	bonsu
wheat	atokɔɔ
white blood cell	mogya nkwammao fitaa
white corpuscle	mogya nkwammao fitaa
white matter	adwene anaase bremono fa bi
whole blood	mogya a woretwe ama obi a wonkyekyɛɛ mu nkɔɔ n'afa ahodoɔ mu
whooping cough	nkɔnkɔn
wildlife conservation	mmoadoma ho bammɔ
wilt	abekɔ/mmerɛwye
wind break	agye mframa
wind erosion	mframa ɛrohyen
wind pollination	mframa kwan a ɔnam so ma barima aba kɔgu ɔbaa kosua so wɔ nnua mu
windpipe	menem
wingspan	ataban mutɛ
within	Emu
womb	awodeɛ
woody fiber	wudi faeba
woody stem	dua mfimfini
woolly mammoth	mamoto a ne ho nwi pii
worker bee	wowa a ɔkɔfa aduane ba
worm	mmoawa
X	
xanthophyll	santofele
xanthoproteic test	santoproteike nhwehwemu
X-chromosome	x-kromosom
xylem	saelem (dua)

Living Environment Glossary - High School Level

ENGLISH	TWI
Y	
Y-chromosome	Y-kromosom
yeast	yiisi/mɔ̃reka
yeast fermentation	Yiisi/mɔ̃reka ka anaa ne boro
yolk	kosua mu akokɔ̃srade
yolk sac	bɔ̃tɔ a ɛkyekyere kosua mu kɔ ho
Z	
zonation	Akuakuo (asasesin)
zooplankton	nsuo mu nkwadeɛ a wɔ̃tumi da nsuo ani
zygote	zaegotu