

Glossary

Intermediate School Level

Science Glossary

English / Fulani



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

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





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

P-16

Office of Elementary, Middle, Secondary and Continuing Education and Office of Higher Education
Office of Bilingual Education and World Languages

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

THE UNIVERSITY OF THE STATE OF NEW YORK

Regents of The University

| | |
|--|---------------|
| BETTY A. ROSA, <i>Chancellor</i> , B.A., M.S. in Ed., M.S. in Ed., M.Ed., Ed.D. | Bronx |
| T. ANDREW BROWN, <i>Vice Chancellor</i> , B.A., J.D. | Rochester |
| ROGER TILLES, B.A., J.D. | Great Neck |
| LESTER W. YOUNG, JR., B.S., M.S., Ed.D. | Beechhurst |
| CHRISTINE D. CEA, B.A., M.A., Ph.D. | Staten Island |
| WADE S. NORWOOD, B.A. | Rochester |
| KATHLEEN M. CASHIN, B.S., M.S., Ed.D. | Brooklyn |
| JAMES E. COTTRELL, B.S., M.D. | New York |
| JOSEPHINE VICTORIA FINN, B.A., J.D. | Monticello |
| JUDITH CHIN, M.S. in Ed. | Little Neck |
| BEVERLY L. OUDERKIRK, B.S. in Ed., M.S. in Ed. | Morristown |
| CATHERINE COLLINS, R.N., N.P., B.S., M.S. in Ed., Ed.D. | Buffalo |
| JUDITH JOHNSON, B.A., M.A., C.A.S. | New Hempstead |
| NAN EILEEN MEAD, B.A. | Manhattan |
| ELIZABETH S. HAKANSON, A.S., M.S., C.A.S. | Syracuse |
| LUIS O. REYES, B.A., M.A., Ph.D. | New York |
| SUSAN W. MITTLER, B.S., M.S. | Ithaca |

Commissioner of Education and President of The University

MARYELLEN ELIA

Executive Deputy Commissioner

ELIZABETH R. BERLIN

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

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|----------------|-------------------|
| A | |
| absorb | modde |
| acceleration | Jaawnugol |
| acid rain | tobo asip |
| action | Gollal |
| adapt | Woowtude |
| adaptation | Ngoowka |
| adjust | Feewnit |
| adult | kellifaado |
| advantage | bural |
| affect | Yande |
| air | Henndu |
| air mass | Dongal henndu |
| air pressure | ñoyyugol henndu |
| air resistance | Dartogol henndu |
| alternate | Waylude |
| alto | Daande dow |
| amount | Coggu |
| amphibian | Anfibian |
| amplitude | Njaajeendi |
| analyze | Yuurnitaade |
| anatomy | Mbaadi |
| ancestor | njaatirado |
| ancient | booydo |
| anemometer | betirgal anemo |
| angle | Baŋŋe |
| animal | Kullal ladde |
| Animalia | Kulle ladde |
| antibiotic | Ko haboto ñawande |
| antibody | Ko haboto bandu |
| appliance | Dikkagol |
| apply | Dikkaade |
| appropriate | Ko foti |
| approximately | No hedde |
| arrange | Feewnitde |
| artery | dadol |
| arthropod | Antoropod |
| asexual | Yida sex |
| assemble | Renndinnde |
| asteroid | Asteroyid |
| astronomer | ganndando koode |
| atmosphere | Jawwu |
| atom | sarra |
| atomic number | limre sarra |
| attract | foodde |
| automatic | Otomatik |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|-----------------|--------------------|
| available | Ina heboo |
| axis | Kawral |
| B | |
| bacteria | Bakteri |
| balance | Fonndude |
| balanced forces | Doole ponndaade |
| bar graph | Diidol garaf |
| bare | boldum |
| barometer | Baromeeter |
| battery | korwal |
| bed | Mbaldi |
| behavior | Jikku |
| beneficial | Ko wadi ngartama |
| benefit | Ngartama |
| best | burdo |
| big bang | Dillere mawnde |
| binary fission | Pecce didi |
| biomass | Biomaas |
| bird | Ndiwri |
| blink | dosde |
| blizzard | Henndu |
| block | Bolakde |
| blood tissue | hedtere yiyam |
| blood vessel | Laawol yiyam |
| blossom | Mawnude |
| boil | Fasnude |
| boiling point | tolno to ina fassa |
| bone tissue | Heltinde yiyal |
| bounce | Diwaade |
| brain | Hakkille |
| bronchi | Boronki |
| bundle | Saawdu |
| buoyancy | Tekkeendi |
| buoyant force | Doole tekkude |
| C | |
| calcium | Kalsiyom |
| calculator | Masiɗ kalkul |
| calorie | Kalori |
| camera | Kamera |
| camouflage | Mofgol |
| cancer | Kanseer |
| capillary | Wuddere |
| capture | Nanngude |
| carbohydrate | Karbo idarat |
| carbon (C) | Karbon |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|-----------------------------------|---------------------------------------|
| carbon dioxide (CO ₂) | Henndu foofeteendu (CO ₂) |
| cardiovascular system | feere bernde e dadi |
| carnivore | guurdo teewu |
| category | Sifaa |
| caterpillar | Katarpala |
| cause-end-effect relationships | Jokkondire sabaabu e ngartama |
| celestial | Ko faate koode |
| cell | Hettere |
| cell cycle | jirlagol hettere |
| cell division | Peccugol hettere |
| cell membrane | Hettere iwdi |
| cell theory | Haala hettere |
| cell wall | Tata hettere |
| cellular respiration | Foofaango kette |
| Celsius (°C) | Selsis (°C) |
| cement | tiidnude |
| centimeter (cm) | Sentimeeter (cm) |
| central nervous system | feere hakkunde dadi hoore |
| chain | ceen |
| change | Waylude |
| change of direction | Baylugol laawol |
| change of motion | Baylugol yaadu |
| change of speed | Baylugol jaaygol |
| characteristic | Maale |
| chart | Karte |
| chemical | Simik |
| chemical bond | Jokkondiral simik |
| chemical change | Waylo simik |
| chemical energy | semmbe simik |
| chemical equation | Ciftol simik |
| chemical property | Jeyal simik |
| chemical reaction | Jaabtowol simik |
| chemical system | feere simik |
| chemical weathering | Kilimaa simik |
| chlorophyll | Kolorofiil |
| chloroplast | Koloropalast |
| choose | subaade |
| chromosome | Koromozom |
| cinder cone volcano | Sinde kon volkano |
| circuit | Laawol |
| circulation | Yaadu |
| circulatory system | feere jahoowo |
| cirro- | Siro |
| cirrus cloud | Ruulde sirus |
| classification | Ceertingol |
| classify | Seertinde |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|------------------------|------------------------|
| climate | Kilima |
| cloning | nanndinnde |
| cloud | Ruulde |
| coal | yulbe |
| code | Finde |
| cold front | Yeeso buubdo |
| collect | Renndinnde |
| collide | bubbondiral |
| color | Kuloor |
| column | Suudu |
| comet | Komet |
| comfortable | Feewniti |
| communicate | Haaldude |
| community | Renndo |
| compare | Fonndude |
| compass | Luggeende |
| competition | Kawgel |
| complex carbohydrate | Karbo idarat kaawniido |
| compose | Naworde |
| composite volcano | Wolkan jiiibiido |
| composition | Ngonka |
| compost pile | Joowre jibinoore |
| compound | jiiibiido |
| compound microscope | Mikoroskop jiiibiido |
| compress | ñoyyude |
| compression | ñoyyugol |
| computer | Ordinateer |
| conclude | robindo |
| conclusion | robindaade |
| condensation | pamdingol |
| condense | famdinde |
| condition | Daliilu |
| conduct | Nawde |
| conduction | Nawgol |
| conductors | nawoobe |
| consequences | Ngartameeje |
| conservation | Mooftugol |
| conservation of energy | Mooftugol semmbe |
| conservation of mass | Mooftugol dongal |
| conserve | Mooftude |
| consist of | wadi ko |
| consistent | Ko dari |
| constant | ko duumoto |
| construct | Feewnude |
| consumer | Coodoowo |
| contain | Wadde |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|-----------------------|----------------------|
| container | Mbandu |
| content | Loowdi |
| continent | Dental leydeele |
| contrast | Ceeral |
| control | Deengol |
| controlled experiment | Eto deenaado |
| convection | Hoolaare |
| coordinate | Heeraade |
| coordination | Keeragol |
| core | yyial |
| covalent bond | Jokkondial |
| create | Feewnu |
| crest | Dow |
| crop | Aawdi |
| crust | Nguru |
| crystal | Kiristaal |
| crystallization | Wadde kiristaalzee |
| cubic | Kibik |
| cubic centimeter | Sentimeeter kibik |
| cure | Safaara |
| cycle | Jirlagol |
| cytoplasm | Sitoplasm |
| D | |
| daily | Ñalawma kala |
| dam | Baaraas |
| data | kabaruuji |
| data table | taabal kabaruuji |
| daughter cell | Hettere bid'fo |
| daylight | Leeray ñalawma |
| decay | Bonde |
| decomposer | Serkitaade |
| decrease | Ustaade |
| defend | Dartaade |
| deficient | ko timmaani |
| define | Fammin |
| definite | Ko laabi |
| delta | Delta |
| density | Tekkeendi |
| dependent variable | baylotoofo jowitiifo |
| deposition | Ceedagol |
| derived | Ittaako e |
| descend | Iwde |
| descendants | iwbe |
| describe | Sifaade |
| desert | Boowal ladde |
| design | laabtinde |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|----------------------------------|---------------------------------------|
| design scientific investigations | Njiilawuuji siyantifik mo laabtinoore |
| determine | Yamirde |
| develop | ɓamtude |
| development | ɓamtaare |
| diagram | diidi |
| dichotomous key | Caabal sifaaji diɗi |
| difference | Ceerndugol |
| digest | Dolde |
| digestion | Dolgol |
| digestive system | feere dolgol |
| direct | Wattude e laawol |
| directions | Laabi |
| directly | Rewi laawol |
| disappearing trait | maale majjooji |
| discuss | Yeewtude |
| disperse | Sarde |
| dissolve | siibaade |
| distance | goddondiral |
| distinctive | Ko seerti |
| distribute | Feccude |
| disturb | Haljinde |
| diversity | Keewal |
| DNA | ADN |
| dominant | baawɗo |
| dominant gene | yiiyam mbaawɗam |
| draw | Diidde |
| dump | Woppude |
| E | |
| earth | Leydi |
| earthquake | Dillere leydi |
| earthworm | Ngilngu leydi |
| echo | Oolel |
| eclipse | Jaggere lewru |
| ecological succession | Lomtondiral ndeenka weeyo |
| ecology | ndeenka weeyo |
| ecosystem | Ko wone leydi |
| effect | Ngartama |
| efficient | Ko nafata |
| egg | ɓoccoonde |
| electric current | Laawol jeyngol |
| electrical | Ko faate jeyngol |
| electrical circuits | Laabi jeyngol |
| electrical energy | semmba jeyngol |
| electricity | Jeyngol |
| electromagnet | ɓoggoljeyngol |
| electromagnetic spectrum | Sifaa ji paatude e ɓoggol jeyngol |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|-----------------------|--------------------------|
| electromagnetic waves | bempeyye boggol jeyngol |
| electromagnetism | rewnude e boggol jeyngol |
| electron | Elektron |
| elements | gede |
| elevation | Ngabbugol |
| elliptical | Ko bombi |
| emit | Yaltinde |
| endangered species | Togooje juukiide |
| endocrine system | Sistem mo andokirin |
| endothermic | Nder termik |
| energy | Doole |
| energy flow | Juppugol semmbe |
| energy pyramid | Praamid semmbe |
| energy resources | Joge semmbe |
| ensure | Jootoraade |
| environment | Ngonka |
| environmental | Ko faate ngonka |
| environmental changes | Wayloo ji ngonka |
| epithelial | Eptelial |
| equal | Foti |
| equation | Ciftol |
| equator | Ekwaator |
| equilibrium | Sawndo ndirde |
| erosion | bedagol |
| error | Nakkere |
| esophagus | Wecco |
| establish | Fawde |
| estimate | Tolnude |
| estimation | Tolno |
| eukaryotic | Okariyotik |
| evaluate | yeewtaade |
| evaporate | Seeyde |
| evaporation | Ceeygol |
| evidence | Daliilu |
| evolution | Waylo |
| example | Yeru |
| exchange | Wostondirde |
| excrete | Yaltiinde |
| excretion | Jaltingol |
| exoskeleton | Eksoskeleton |
| exothermic | Boowal nguleeki |
| expand | beydude |
| experiment | Eto |
| explain | Famminnde |
| explanation | Pammingol |
| express | Ko yaawi |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|---|---|
| external | Boowal |
| extinct | Woodaani |
| F | |
| fact | Huunde woodande |
| factor | Sabaabu |
| Fahrenheit (°F) | Fahrenheit (°F) |
| fat | buttidfi |
| fault | Ngakkere |
| feature | Maalal |
| features | Maale |
| female sex cell | Bange awra debbo |
| fertilization | Leppinde |
| fertilized | Leppinaama |
| fertilizer | Leppinoowo |
| fiber | habbere |
| fish | Liingu |
| fixed pulley | Cuutoowo peewnaado |
| flood | Waande |
| flow chart | Dogdu karte |
| flower | Baramlefol |
| fluid | ko regata |
| folded | Ko hofaa |
| food | Ñamde |
| food chain | ɓoggol ñamde |
| food web | Tuufuode ñamde |
| for every action there is an equal or opposite reaction | Kala gollal ina jogi jaabawol potngol walla |
| force | Doole |
| forecast | Tintinde |
| form | Sifaa |
| formation | Tindinoore |
| former | booydo |
| formula | Cefol |
| formulate | Haalde |
| fossil | Kedde |
| fossil fuel | Peteronj kedde |
| freezing | Coysela |
| frequency | badgol |
| friction | Sarfande |
| front | balal |
| fruit | ɓingel leggal |
| fuel | Peteronj |
| filter | Siiwtude |
| fulcrum | Tambirgal |
| function | Nafuore |
| function of living things | Nafuore gede guurde |
| fungi | Wiiduru gaynaako |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|---------------------|---------------------|
| G | |
| galaxy | asmaan |
| garbage | Mbalis |
| gas | Gaas |
| gas giants | butte gaas |
| gem | cudaari |
| gene | yiiyam |
| generation | Yonta |
| generator | Gaddoowo |
| genetic engineering | Peewnugol yiiyam |
| genetic material | Ligorgal yiiyam |
| genetically | Ko faate yiiyam |
| genetic variation | Baylugol yiiyam |
| geologist | Gando leydi |
| geothermal energy | semmbe mo seotermal |
| germ | Puddi |
| germination | puɗgol |
| glacier | kaaye galaas |
| gland | sobbundu |
| global | Aduna |
| global climate | Kilima aduna |
| global warming | gulgol aduna |
| graduated cylinder | Sileendar bamtaado |
| gram (g) | Garam (g) |
| graph | diidol |
| graphic | diidi |
| gravitational | Ko ɗabbata |
| gravity | satteende |
| greatest | burɗo mawnude |
| greenhouse gas | Gaas paado weeyo |
| green plant | Lekki werte |
| groundwater | Ndiyam leydi |
| group | Renndo |
| grow | Mawnude |
| growth | Manngu |
| H | |
| habit | Jikku |
| habitat | hodorde |
| hand lens | Tolno junngo |
| hardness | Muuseeki |
| harmful | Metti |
| hazardous | Tintaaka maataaka |
| healthy habit | Jikku celluɗo |
| hearth | Fooyre |
| hearth muscle | yiyaal fooyre |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|----------------------|-----------------------------|
| heat | Nguleeki |
| heat energy | semmbe nguleeki |
| herbivore | guurdo hudo |
| heredity | Ndongu |
| hereditary | Ko rona |
| hibernation | noyngol |
| hormone | Ormon |
| host | jabbaade |
| human | neddo |
| human cell | Hettere neddo |
| humid | Leppi |
| humidity | Leppugol |
| hurricane | Henndu |
| hydroelectric power | Jeyngol ndiyam |
| hydrosphere | Aduna ndiyam |
| hygrometer | Igromeeter |
| hypothesis | Miijo |
| I | |
| identical | nandufi |
| identification | Sifagol |
| identify | Sifaade |
| igneous | Iñe |
| igneous rock | Haaye iñunde |
| illuminate | Leernude |
| illustrate | Rokkude yeru |
| immune system | feere tulo |
| inclined plane | Laana nguuriika |
| increase | beydude |
| independent | Jey hooremum |
| independent variable | baylotoongel ngel yowitaaki |
| indicate | Joofaade |
| indirect | mo foccaaki |
| individual | neddo |
| infection | daabgol |
| infectious disease | Ñawwu daaboowo |
| inference | Yiyannde |
| information | Kabaaru |
| ingredient | Sewo sewo |
| inherit | Ronnde |
| inheritance | Dongol |
| inherited adaptation | yettugol donagol |
| inherited trait | Jikku donaado |
| insect | Hoowoyre |
| instrument | Kuutorgal |
| insulator | koddo e ciibe |
| interact | Jokkondirde |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|--------------------|--------------------|
| interaction | Jokkondiral |
| interior | Nder |
| internal | Ummi nder |
| interpret | Nantinde |
| interval | Saanga |
| inversion | Baklitgol |
| invertebrate | Ala yiyal keeci |
| investigation | lincitgol |
| ion | ioŋ |
| ionic bond | Dendingol ioŋ |
| iron (Fe) | Njamndi (Fe) |
| irregular | Ko daraaki |
| isolate | Seertinde |
| J | |
| jellyfish | Liingu |
| joint | Ko renndi |
| K | |
| kilogram (kg) | Kilogaram (kg) |
| kiloliter (kl) | Kiloliiteer (kl) |
| kilometer (km) | Kilomeeteer (km) |
| kinetic energy | sembe jahoowo |
| kingdom | Laamu |
| knowledge | Gandal |
| L | |
| label | Maantoode |
| landslide | Raay |
| large intestine | Tektekol |
| larva | giŋgel |
| laser | Laseer |
| latitude | Njaajeendi |
| lava | waameende jeyngol |
| layer | Nguru |
| leaf | Baramlefol |
| learned | Janga |
| learned adaptation | Goowtugol jangaado |
| least | buri famdude |
| leaves | Baramlefi |
| levee | Gambol |
| lever | Jolirde |
| life cycle | Jirlagol nguurndam |
| life span | Saanga nguurndam |
| lift | Suutde |
| light | lewlewndu |
| light-years | Kitaale jaawde |
| line graph | diidol keerol |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|-----------------------|----------------------|
| lines of force | Diidi doole |
| link | Jokkondirgol |
| liquid | Ndiyam |
| list | Liste |
| liter (L) | Liiteer |
| lithosphere | Litosfeer |
| liver | Guuroowo |
| living things | gede guurde |
| location | Nokku |
| locomotion | Daaba |
| longitude | Yaajeende |
| longitudinal wave | wempeyere yaajnde |
| loudness | Gulaali |
| lunar eclipse | Jaggere lewru |
| lungs | Jofe |
| luster | delkeende |
| M | |
| machine | Masiŋ |
| magma | Magma |
| magnet | suldaande |
| magnetic field | Nokku suldaande |
| magnetic force | Doole suldaande |
| magnetism | suldaande |
| magnifier | joodnoowo |
| maintain | Toppitaade |
| maintenance | Toppit tooddo |
| major | mawdo |
| male sex cell | Bange awra gorko |
| mammal | Kullal |
| manage | Toppitaade |
| mantle | Jeyba |
| map | Kartal |
| mass | Dongal |
| material | Kuutorgal |
| materials | kuutorde |
| materials scientist | kuutorde siyaantifik |
| mathematics | Matematik |
| matter | Loowdi |
| measure | Meetaade |
| measurement | Meeto |
| mechanical energy | sembe mekanik |
| mechanical weathering | Kilima mekanik |
| medium | Hakkunde |
| meiosis | Meosis |
| melting | Saayde |
| melting point | toɓbere saayoore |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|------------------------|-------------------------|
| metal | Njamdi |
| metallic bond | Jokkondirgol njamdi |
| metalloid | Ko faate njamdi |
| metamorphic | Ko wayloto |
| metamorphic rock | Haayre waylotoonde |
| metamorphosis | Baylagol |
| meter (m) | Meeteer (m) |
| meter stick | Sawru meeteer |
| methane | Metaan |
| method | badirgol |
| metric ruler | Reegal meeteer |
| microorganisms | Tagooje tokoose |
| microscope | Mikoroskop |
| mid-ocean ridge | Tolno hakkunde maayo |
| migration | Eggugol |
| Milky Way | laawol koode |
| milligram (mg) | Miiligaraam (mg) |
| milliliter (ml) | Mililiiteer (ml) |
| millimeter (mm) | Milimeeter (mm) |
| mineral | Wadi ndiyam |
| mitochondria | Mitikondri |
| mitosis | Mitoos |
| mixture | Dendinal |
| model | Yeru |
| moisture | Leppinde |
| molecule | gabbel |
| mollusk | tuufa |
| molten | Wonti ndiyam |
| monthly | lewru kala |
| Monera | Monera |
| monoculture | Aawdi ngootiri |
| moon | Lewru |
| motion | Yaadu |
| motor | Motoor |
| mountain | Haayre |
| mouth | Hunuko |
| movable pulley | Cuutoowo dilloowo |
| movement | Dillugol |
| movement of plates | Dillugol lahe |
| mucus | Mbordi |
| muscle | hettere |
| muscle tissue | hettere teewu |
| muscular system | feere hettere |
| mutation | Baylagol |
| multicellular | Keltine keewde |
| multicellular organism | tagoode heewnde keltine |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|------------------------------|-----------------------------|
| N | |
| natural gas | Gaas tagaado |
| natural resource | Jogal tagaangal |
| natural selection | subngo tagoodi |
| nebula | Uure |
| negative | Ko boni |
| nervous system | feere hoore |
| net force | Doole keddiide |
| neuron | dadi hoore |
| neutral | nuundudo |
| neutron | Notroon |
| Newton | Newton |
| niche | suudorde |
| nimbus | Annoore |
| nitrogen | Nitrosen |
| noble gas | Gaas dimo |
| nonliving things | gede maayde |
| nonmetal | Wona njamdi |
| nonrenewable | hesdittaake |
| nonrenewable energy resource | Jogal semmbe mo hesdittaake |
| nonrenewable resource | Jogal mo hesdittaake |
| nose | Hinere |
| nuclear energy | semmbe nikleer |
| nuclear fusion | Dendinal nikleer |
| nucleus | bernde |
| nutrient | Ñamri |
| O | |
| object | Huunde |
| objective | Faandaare |
| objective lens | Tolno faandaare |
| observation | yeewtagol |
| observe | yeewtaade |
| obtained | hebde |
| occur | Kewde |
| ocean | Maayo |
| odor | uurgol |
| offspring | Jibinannde |
| omnivore | Ñaama huunde kala |
| one-celled organisms | Tagooje hettere wootere |
| ooze | Yaltinde |
| opinion | Miijo |
| orbit | Orbit |
| order | Yamiroore |
| organ | Tergal |
| organ system | feere terde |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|---------------------|--------------------|
| organelle | Tergel |
| organism | Tagoode |
| organize | Feewnude |
| original | Asli |
| ovary | ƙocconde |
| overabundance | Goodal burtungal |
| overcome | Foolde |
| overpopulation | burtugol yimbe |
| ovule | ƙocconde debbo |
| oxygen | Henndu foofirdu |
| ozone | Ombidu weeyo |
| P | |
| parallel circuit | Laawol cawndingol |
| parasite | Parazit |
| parent cell | hodorde jinnaado |
| particle | gedel |
| pattern | Maale |
| pedigree chart | sardi dimo |
| perceive | hebde |
| percent, percentage | e nder teemedere |
| period | Sahaa |
| periodic table | Taabal sahaaji |
| permanent magnet | suldaande booyoore |
| pesticide | Warata koowoje |
| petroleum | Peteroŋ |
| phases | Tolnooji |
| phenomena | ŋgoƴa |
| phosphorus | Fosfoor |
| photosynthesis | Fitosentees |
| physical | Faate banndu |
| physical change | Waylo banndu |
| physical property | Jeyal banndu |
| physical weathering | Kilima banndu |
| picture | foto |
| pie | Gato |
| pie chart | Kaayit gato |
| pie graph | Diidol gato |
| pistil | Pistil |
| pitch | Boowal |
| planet | Aduna |
| plant | Lekki |
| Plantae | Palantaye |
| plasma | Palasmaa |
| plate | Lahal |
| plate tectonics | Tektonik lahal |
| poison | Posone |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|-----------------------|----------------------|
| polar | Ko faate galaas |
| pollen | Polen |
| pollinate | Wuurtinde leydi |
| pollutant | caltidinoowo |
| pollution | Salte |
| position | Nokku |
| positive | moyyere |
| potential energy | semembe nafooje |
| power of ten notation | Doole tobbugol sappo |
| precipitation | Heñaare |
| predator | Daddoowo |
| predict | Haalde gila araani |
| predictable | Haalama gila araani |
| prediction | Haala gila araani |
| presence | Tawtoragol |
| preserve | Reende |
| pressure | ñoyyere |
| prevailing | Foolooru |
| prevailing winds | Henndu foolooru |
| previous | Adan |
| prey | Ko radda |
| primary | Gadano |
| probable | Ina waawi |
| procedure | Laawol |
| process | Rewde laawol |
| produce | Yaltinde |
| producer | Jaltinoowo |
| product | Ko yaltina |
| prokaryotic | Porokariyotik |
| property | Jeyal |
| properties | Jeye |
| protect | Reennde |
| protein | Poroteyin |
| Protista | Porotista |
| proton | Poroton |
| provide | Addude |
| pulley | Cuutoowo |
| Punnett square | Mbedda Punnett |
| pupa | Kirisaliis |
| purpose | Faandaare |
| pushes and pulls | Duñaali e pooðaali |
| R | |
| radiation | raabo |
| radioactive | Ko boomata |
| radioisotope | Rajoisotop |
| rarefaction | Cattugol |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|----------------------------|----------------------------|
| rate | tolngo |
| ray | Caafel Naange |
| react | Jaabo |
| reactant | Jaaboto |
| rearrange | Feewnitde |
| reason | Sabaabu |
| receive | hebde |
| recessive | tellotoodo |
| recessive gene | ÿiyam tellotodam |
| recognize | Heftinde |
| record | Winndude |
| rectum | Caggal |
| recycle | hesditinde |
| reduce | Ustude |
| refer | Yowitaade |
| reflect | Miijaade |
| reflection | Miijo |
| reflex | Refleks |
| refract | Rutinnde |
| refraction | Duttinngol |
| regulation | Toppitaade |
| relationship | Jokkondiral |
| relationships in organisms | Jokkondiral tagooje |
| relative humidity | Leppugol kakindiido |
| release | woppidde |
| relevant | Wadi faayiida |
| remain the same | Heddo gootum |
| remains | Kedde |
| renewable | Ina hesditine |
| renewable energy resource | Jogal semmbe kesditinteedo |
| renewable resource | Jogal kesditintengal |
| repair | Feewnu |
| represent | joodanaade |
| reproduce | Jibinnde |
| reproduction | Jibinngol |
| reproductive | Ko jibinata |
| reptile | Laadoori |
| required | Naamda |
| resist | Dartaade |
| resistant to | Ina darto |
| resource | Jogal |
| respiration | Footaango |
| respiratory system | feere footaango |
| respond | Jaabaade |
| response | Jaabowol |
| responsible | jogiido |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|---|---|
| restore | Artirde |
| result | Ngartama |
| reuse | Huutoraade gongol |
| reverse | Waklidde |
| revolution | Waylo |
| revolve | Yirlaade |
| rock | Haayre |
| rock cycle | Jirlagol haayre |
| role | Nafoore |
| root | dadol |
| rotate | Yirlude |
| rotation | Jirlagol |
| runoff | Kedde |
| rust | bedagol |
| S | |
| saliva | Tuute |
| salivate | Tuuyeede |
| samples | Yeruuji |
| scale | betirgal |
| scarce | Satti |
| science | Ganndal |
| scientific (use appropriate scientific tools) | Siyaantifik (huutoro gollorde siyaantifik mo'yye) |
| scientific inquiry | Njiilaw Siyaantifik |
| scientific investigation | Jiilagol Siyaantifik |
| scientific law | Sariya Siyaantifik |
| scientific name | Inde Siyaantifik |
| scientific thinking | Miijo Siyaantifik |
| scrape | Hare |
| screw | Bonnude |
| sea floor spreading | Carogol leydi maayo |
| sea level | Tolno maayo |
| season | Sahaa |
| secondary | didabo |
| sediment | Goppe |
| sedimentary rock | Haayre woppaande |
| sedimentation | Goppugol |
| seed | Aawdi |
| seedling | Puddi |
| seep | Siiyde |
| select | subaade |
| selective breeding | Neehdi subtaandi |
| sense | Hakkille |
| sense organ | Tergal hakkile |
| sequencing | Degondiral |
| series circuit | Laawol degondire |
| settle | joodaade |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|-----------------|-----------------------|
| sewage | Ñootgol |
| sex cell | Tergal awra |
| sex cells | terde awra |
| sexual | Ko faate awra |
| shape | Mbaadi |
| shell | Bombo |
| shield volcano | balal volkaan |
| shiver | Siññude |
| significant | wadi faayiida |
| similarity | Nanndugol |
| simple machine | Masiñ beebdo |
| siren | tintinoore |
| situation | Ngonka |
| size | Tolno |
| skeletal muscle | ÿiyal banndu |
| skeletal system | feere ÿiye |
| shy | Kersoowo |
| small intestine | Tektekol tokosol |
| smog | Cuurki |
| smooth muscle | ÿiyal deeyngal |
| soil | Leydi |
| soil texture | Mbaadi leydi |
| solar cell | nokku naange |
| solar eclipse | Nangugol naange |
| solar energy | feere naange |
| solar system | Sifaa adunaaji |
| solid | Tekki |
| solidification | Tekkinnde |
| solubility | Caaygol |
| solute | Humtude haaju |
| solution | Feere |
| solvent | Debba |
| sound | Sawto |
| sound recorder | Mooftoowo sawto |
| source | Asli |
| space | Bayaal |
| specialize | Yaarude |
| species | Tagooje |
| specific | wadira huunde wootere |
| specimens | Sifaaji tagooje |
| speed | Jaawnugol |
| sperm | Maniiyu |
| spill | Yaltin |
| spinal cord | ÿiyal keeci |
| spiral | Karlugol |
| sponge | Epoos |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|-----------------------|-------------------|
| spore | Bakteri |
| spring | Diwgol |
| spring scale | Peeso diwgol |
| sprout | Fudde |
| squint | dosde |
| stable | Ko dari |
| stages | Tolnooje |
| stamen | Estamen |
| star | Hoodere |
| starch | conndi |
| state | Laamu |
| static charge | Sarse dariido |
| static electricity | Jeyngol daringol |
| stem | Yaltude |
| stigma | Gacce |
| stimulus | Hirjidde |
| stomach | Reedu |
| stopwatch | Jakkirde waktu |
| strain | Tampere |
| strategy | Feere |
| strato | Strato |
| stratus cloud | Ruulde straatus |
| streak | Ciifol |
| structural adaptation | Ngoowka maadi |
| structure | Maadi |
| sublimation | Sincugol |
| subsoil | Les leydi |
| substance | Nguura |
| sugar | Suukara |
| sulfuric acid | Asib silfirik |
| summarize | robindaade |
| sun | Naange |
| supernova | Supernoova |
| support | Ballal |
| surface | Boowal |
| survey | Naamndal |
| survival | Nguurndam |
| survive, survival | Wuurde, nguurndam |
| swamp | Weendu |
| sweat | Warñeende |
| switch | Wostaade |
| system | feere |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|---------------------|---------------------|
| T | |
| table | Taabal |
| table salt | lamdam taabal |
| tadpole | Tadpool |
| tape measure | betirgal maña |
| technology | Katantaagal |
| telescope | Teleskop |
| temperate | deeyi |
| temperature | buubol e nguleeki |
| temporary magnet | Tuufoode sahaaji |
| terrestrial planets | Adunaaji leydi |
| test | eto |
| theory | Haala |
| thermal energy | sembe nguleeki |
| thermometer | betirgal tobo |
| thunderstorm | tobo henndu |
| tide | wempeyere |
| tilt | Hofde |
| tilted | Hofa |
| time | Waktu |
| tissue | nguru |
| tool | Kuutorgal |
| topsoil | Dow leydi |
| tornado | Henndu e tobo |
| trachea | gasde |
| trade-offs | Njeeygu caggal |
| trait | Jikku |
| transfer | Neldude |
| transform | Wattude |
| transport | ya 'de e arde |
| transport system | feere ya 'de e arde |
| transverse wave | wempeyere taccoore |
| trench | Ngaska |
| trial | Ñaawoore |
| tropical | Nokku nguleeki |
| troposphere | Torotosfeer |
| trough | Ngaska |
| tumor | uure |
| turbine | Turbin |
| type | Sifa |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|-----------------------|-------------------------|
| U | |
| unbalanced forces | Doole burondirde |
| undergo metamorphosis | wadaneede waylo |
| unequal | Fotaani |
| unicellular | Hettere wootere |
| unifying themes | Loowdiiji dentinaadi |
| unique | Gooto |
| universe | Aduna |
| unstable | Daraaki |
| V | |
| vacuole | wakiyol |
| valley | Caangol |
| vapor | Cuurki |
| variable | Wayloto |
| variation | Baylugol |
| variety | Keewal |
| vascular system | feere yiiyam |
| vascular tissue | Nguru yiiyam |
| vegetable | Legim |
| vehicle | daaba |
| vein | dadol |
| velocity | Jaawgol |
| vertebrate | wadi yiyal keeci |
| vibrate | Diirde |
| virus | wiris |
| visible | Ko yiyoto |
| visible light | Jeyngol jiyotoongol |
| vitamin | witaamin |
| volcanic activity | Golle maayo jeyngol |
| volcano | maayo jeyngol |
| voltmeter | betirgal maayo jeyngol |
| volume | Daande |
| W | |
| warm | Wuli |
| water | Ndiyam |
| water cycle | Jirlagol ndiyam |
| water vapor | Cuurki ndiyam |
| wavelength | Njuuteeki wempeyere |
| weather | Kilima |
| weathering | Wadde kilima |
| wedge | tayannde |
| weight | Teddeendi |
| wheel and axle | Mbiifu e jambere |
| white blood cell | Hettere yiiyam ndanejam |
| wind | Henndu |

Intermediate School Level Science Glossary

| ENGLISH | FULANI |
|-----------|--------------|
| wind vane | Hello henndu |
| wise | Ganndo |
| work | golle |
| wrinkle | Bonnude |
| Z | |
| zone | Nokku |
| zygote | sigot |