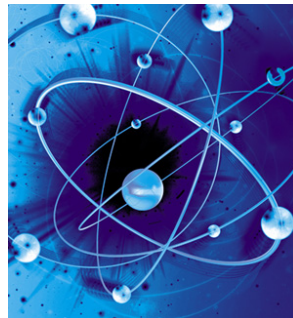
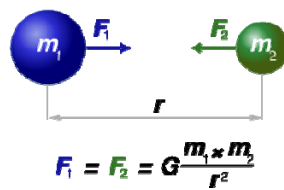


# Glossary

## High School Level Physics Glossary

English | Malay

Translation of Physics terms based on the  
Coursework for Physics 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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PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                       | MALAY                   |
|-------------------------------|-------------------------|
| <b>A</b>                      |                         |
| aberration                    | aberasi                 |
| ability                       | kemampuan               |
| absence                       | ketiadaan               |
| absolute scale                | skala mutlak            |
| absolute zero                 | sifar mutlak            |
| absorption                    | penyerapan              |
| absorption spectrum           | spektrum penyerapan     |
| accelerate                    | memecut                 |
| acceleration                  | pecutan                 |
| acceleration of gravity       | pecutan graviti         |
| accentuate                    | menyerlahkan            |
| accompany                     | menemani                |
| accomplish                    | menyempurnakan          |
| accordance                    | menurut                 |
| account                       | akaun                   |
| accumulate                    | berkumpul               |
| accuracy                      | ketepatan               |
| accurate                      | tepat                   |
| achieve                       | mencapai                |
| acoustics                     | akustik                 |
| action                        | tindakan                |
| activity                      | aktiviti                |
| actual                        | sebenar                 |
| addition                      | tambahan                |
| adhesive                      | pelekat                 |
| adjacent                      | bersebelahan            |
| advantage                     | kelebihan               |
| aerodynamics                  | aerodinamik             |
| air pollution                 | pencemaran udara        |
| air resistance                | rintangan udara         |
| air track                     | jejak udara             |
| aircraft                      | pesawat                 |
| airfoil                       | aerofoil                |
| airplane                      | kapal terbang           |
| alcohol                       | alkohol                 |
| algebra                       | algebra                 |
| allow                         | benarkan                |
| alternating current generator | penjana arus ulang-alik |
| altimeter                     | altimeter               |
| aluminum                      | aluminium               |
| amber                         | batu ambar              |
| ammeter                       | ammeter                 |
| ampere                        | ampere                  |
| amplitude                     | amplitud                |
| analogy                       | analogi                 |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                  | MALAY                 |
|--------------------------|-----------------------|
| analysis                 | analisis              |
| analyze                  | menganalisis          |
| antinodal line           | garisan antinodal     |
| anemoscope               | anemoskop             |
| aneroid                  | aneroid               |
| aneroid barometer        | barometer aneroid     |
| angle                    | sudut                 |
| ant.; antenna            | ant.; antena          |
| antinode                 | antinod               |
| antiparticle             | antizarah             |
| apparent                 | ketara                |
| appendix                 | lampiran              |
| applied force            | daya kenaan           |
| approach                 | pendekatan            |
| aquarium                 | akuarium              |
| arbitrary                | arbitrari             |
| arc                      | arka                  |
| archer                   | pemanah               |
| Archimedes' principle    | prinsip Archimedes    |
| architect                | arkitek               |
| area                     | kawasan               |
| argon                    | argon                 |
| Aristotle                | Aristotle             |
| armature                 | angker                |
| arrow                    | anak panah            |
| arrangement              | susunan               |
| artificial               | buatan                |
| artificial radioactivity | keradioaktifan buatan |
| artillery                | artileri              |
| aspect                   | aspek                 |
| assemble                 | pasang                |
| assume                   | andaikan              |
| assumption               | andaian               |
| astronomer               | ahli astronomi        |
| astronomical             | secara astronomi      |
| astronomy                | astronomi             |
| athlete                  | atlet                 |
| atmosphere               | atmosfera             |
| atmospheric              | atmosfera             |
| atom                     | atom                  |
| atomic energy            | tenaga atom           |
| atomic mass unit         | unit jisim atom       |
| atomic number            | nombor atom           |
| attach                   | lampirkan             |
| attain                   | memperoleh            |
| attract                  | menarik perhatian     |
| attraction               | tarikan               |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                | MALAY                     |
|------------------------|---------------------------|
| attractive             | menarik                   |
| audience               | penonton                  |
| auditorium             | auditorium                |
| auditory               | auditori                  |
| aurora                 | aurora                    |
| aurora borealis        | aurora borealis           |
| automobile             | kereta                    |
| average                | purata                    |
| average speed          | laju purata               |
| average velocity       | halaju purata             |
| axis                   | paksi                     |
| axle                   | gandar                    |
| <b>B</b>               |                           |
| back - EMF             | DGE – belakang            |
| baffle                 | sesekat                   |
| balance                | imbangan                  |
| barometer              | barometer                 |
| barrel                 | tong                      |
| barrier                | penyekat                  |
| baryon                 | barion                    |
| base level             | tahap asas                |
| basic equation         | persamaan asas            |
| basin                  | besen                     |
| basis                  | asas                      |
| batter                 | sendeng                   |
| battery                | bateri                    |
| bead (ex., optic bead) | manik (cth., manik optik) |
| beaker                 | bikar                     |
| beam balance           | imbangan alur             |
| beat                   | rentak                    |
| behave                 | berkelakuan               |
| behind                 | belakang                  |
| bend                   | bengkok                   |
| beneath                | di bawah                  |
| bent                   | lengkung                  |
| Bernoulli's principle  | prinsip Bernoulli         |
| beyond                 | di sebalik                |
| billiard               | billiard                  |
| bimetallic             | dwilogam                  |
| bimetallic strip       | jalur dwilogam            |
| binding energy         | tenaga pengikat           |
| binocular              | binokular                 |
| black-hole             | lohong hitam              |
| blade                  | pisau                     |
| block                  | blok                      |
| blue                   | biru                      |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH            | MALAY             |
|--------------------|-------------------|
| blur               | kabur             |
| bob                | ladung            |
| boiling            | mendidih          |
| boiling point      | takat didih       |
| boldface           | huruf tebal       |
| bolt               | baut              |
| Boltzmann constant | malar Boltzmann   |
| bond               | ikatan            |
| boreal; borealis   | boreal; borealis  |
| bounce             | lantun            |
| boundary           | sempadan          |
| bow                | busur             |
| bowling ball       | bola boling       |
| bowstring          | busur             |
| Boyle's law        | hukum Boyle       |
| brain              | otak              |
| branch             | cabang            |
| brass              | loyang            |
| breeder reactor    | reaktor pembiak   |
| brick              | bata              |
| brief              | ringkas           |
| bristle            | bulu kejur        |
| broadcast          | siaran            |
| bubble             | gelembung         |
| bubble chamber     | kebuk gelembung   |
| bug                | pepijat           |
| bugle              | begol             |
| bulge              | bonjol            |
| bullet             | peluru            |
| buoyancy           | keapungan         |
| buoyant            | apung             |
| buoyant force      | daya apung        |
| burglar            | pencuri           |
| burglar alarm      | penggera kecurian |
| by virtue of       | menurut kuasa     |
| <b>C</b>           |                   |
| cable              | kabel             |
| cadmium            | kadmium           |
| cadmium sulfide    | kadmium sulfida   |
| calculate          | kira              |
| calculus           | kalkulus          |
| calibrate          | menentukur        |
| caloric            | kalori            |
| caloric theory     | teori kalori      |
| calorie            | kalori            |
| calorimeter        | kalorimeter       |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                  | MALAY                    |
|--------------------------|--------------------------|
| camp                     | khemah                   |
| camper                   | pekhemah                 |
| candelabra               | kandelabrum              |
| candle                   | lilin                    |
| cannonball               | bola meriam              |
| canoe                    | kanu                     |
| canyon                   | ngarai                   |
| capable                  | berkebolehan             |
| capacitance              | kapasitans               |
| capacitor                | kapasitor                |
| capacity                 | kapasiti                 |
| capillary                | kapilari                 |
| capillary action         | tindakan kapilari        |
| capsule                  | kapsul                   |
| carbon                   | karbon                   |
| carbon grain             | butir karbon             |
| carbon tetrachloride     | karbon tetraklorida      |
| carpet                   | permaidani               |
| carton                   | karton                   |
| case                     | bekas                    |
| cast                     | acuan                    |
| catheter                 | kateter                  |
| cathode                  | katod                    |
| cathode-ray tube         | tiub sinar katod         |
| cause                    | punca                    |
| cavity                   | kaviti                   |
| celestial                | cakerawala               |
| Celsius Scale            | Skala Celsius            |
| cement                   | simen                    |
| centimeter               | sentimeter               |
| centripetal              | memusat                  |
| centripetal acceleration | pecutan memusat          |
| centripetal force        | daya memusat             |
| cesium                   | sesium                   |
| chamber                  | kebuk                    |
| characteristic           | ciri                     |
| charge                   | cas                      |
| charged                  | mengemas                 |
| charging by conduction   | mengemas secara konduksi |
| charging by induction    | mengemas secara induksi  |
| Charles' Law             | Hukum Charles            |
| chimney                  | cerobong                 |
| chloroform               | kloroform                |
| chord                    | kord                     |
| chromatic                | kromatik                 |
| chromatic aberration     | aberasi berkroma         |
| circuit                  | litar                    |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                         | MALAY                        |
|---------------------------------|------------------------------|
| circuit breaker                 | pemutus litar                |
| circular                        | bulat                        |
| clarinet                        | clarinet                     |
| clarity                         | kejelasan                    |
| clockwise                       | mengikut arah jam            |
| club                            | kelab                        |
| cluster                         | kluster                      |
| cobalt                          | kobalt                       |
| cochlea                         | koklea                       |
| coefficient                     | pekali                       |
| coefficient of friction         | pekali geseran               |
| coefficient of linear expansion | pekali pengembangan linear   |
| coefficient of volume expansion | pekali pengembangan isi padu |
| cohesive                        | jeleket                      |
| cohesive force                  | daya jeleket                 |
| coil                            | gegelung                     |
| coincidence                     | kebetulan                    |
| collect                         | kumpul                       |
| collection                      | koleksi                      |
| collide                         | berlanggar                   |
| collision                       | perlanggaran                 |
| column                          | lajur                        |
| combination                     | kombinasi                    |
| combustion                      | pembakaran                   |
| commercial                      | komersial                    |
| commutator                      | penukar tertib               |
| compare                         | banding                      |
| comparison                      | perbandingan                 |
| compartment                     | kompartment                  |
| compass                         | kompas                       |
| complementary                   | saling lengkap               |
| complementary colours           | warna saling lengkap         |
| complementary pigment           | pigmen saling lengkap        |
| complex                         | rumit                        |
| component                       | komponen                     |
| compress                        | mampat                       |
| compression                     | pemampatan                   |
| Compton effect                  | kesan Compton                |
| concave                         | cekung                       |
| concave lens                    | kanta cekung                 |
| concave mirror                  | cermin cekung                |
| concept                         | konsep                       |
| concrete                        | konkrit                      |
| concurrent forces               | daya serentak                |
| condensation                    | kondensasi                   |
| condense                        | memeluwap                    |
| conduct                         | tindakan                     |



PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                   | MALAY               |
|---------------------------|---------------------|
| conduction                | konduksi            |
| conductivity              | kekonduksian        |
| conductor                 | konduktor           |
| cone                      | kon                 |
| confine                   | mengurung           |
| congruent                 | kongruen            |
| consciousness             | kesedaran           |
| consequence               | akibat              |
| conservation              | pemuliharaan        |
| conservation law          | hukum pemuliharaan  |
| consider                  | pertimbang          |
| consist                   | terdiri daripada    |
| consonance                | konsonan            |
| constant                  | malar               |
| constructive              | membina             |
| constructive interference | interferens membina |
| contact                   | sentuh              |
| contain                   | mengandungi         |
| contract                  | kontrak             |
| contraction               | kontraksi           |
| contrast                  | kontras             |
| control                   | kawal               |
| control rod               | rod kawalan         |
| convalescence             | pemulihan           |
| convection                | konveksi            |
| convenient                | mudah               |
| converging lens           | kanta penumpu       |
| conversion                | penukaran           |
| convert                   | tukar               |
| convex                    | cembung             |
| convex lens               | kanta cembung       |
| convex mirror             | cermin cembung      |
| copper                    | tembaga             |
| cord                      | kord                |
| cornerstone               | batu sudut          |
| corresponding             | sepadan             |
| cosine                    | kosinus             |
| coulomb                   | coulomb             |
| Coulomb's Law             | hukum Coulomb       |
| crack                     | retak               |
| craft                     | kraf                |
| crate                     | krat                |
| crest                     | gencana             |
| critical                  | kritikal            |
| critical angle            | sudut kritikal      |
| crowded                   | sesak               |
| crystal                   | kristal             |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                  | MALAY                   |
|--------------------------|-------------------------|
| crystal lattice          | kekisi kristal          |
| crystalline              | berhablur               |
| cube                     | kiub                    |
| cubic                    | kubik                   |
| cubic meter              | meter padu              |
| curious                  | ingin tahu              |
| curvature                | kelengkungan            |
| curve                    | lengkung                |
| cyan                     | sian                    |
| cycle                    | kitaran                 |
| cymbal                   | simbal                  |
| cylinder                 | silinder                |
| <b>D</b>                 |                         |
| damage                   | kerusakan               |
| dart                     | damak                   |
| data                     | data                    |
| de Broglie Principle     | Prinsip de Broglie      |
| decay                    | reputan                 |
| deceleration             | nyahpecutan             |
| deci                     | desi                    |
| decibel                  | desibel                 |
| decimeter                | desimeter               |
| deck                     | dek                     |
| decrease                 | menurun                 |
| define                   | takrifkan               |
| definite                 | tentu                   |
| deformation              | ubah bentuk             |
| degree                   | darjah                  |
| deka = deca              | deka                    |
| decameter                | dekameter               |
| deliver                  | hantar                  |
| demonstration            | demonstrasi             |
| density                  | kepadatan               |
| depend                   | bersandar               |
| dependent variable       | pemboleh ubah bersandar |
| derive                   | terbit                  |
| derived unit             | unit terbitan           |
| descend                  | menurun                 |
| descent                  | keturunan               |
| design                   | reka bentuk             |
| destructive              | pemusnah                |
| destructive interference | interferens pemusnah    |
| detection                | pengesanan              |
| detector                 | pengesan                |
| determine                | menentukan              |
| deviate                  | lencong                 |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                          | MALAY                              |
|----------------------------------|------------------------------------|
| device                           | peranti                            |
| dewdrop                          | titisan embun                      |
| dew point                        | takat embun                        |
| diameter                         | diameter                           |
| diamond                          | berlian                            |
| diaphragm                        | diafragma                          |
| differ                           | berbeza                            |
| difference in electric potential | perbezaan dalam keupayaan elektrik |
| diffract                         | belau                              |
| diffraction                      | pembelauan                         |
| diffraction grating              | parutan pembelauan                 |
| diffuse                          | meresap                            |
| diffuse reflection               | meresap pantulan                   |
| digit                            | digit                              |
| dimension                        | dimensi                            |
| dimmer                           | pemalap                            |
| dip                              | celup                              |
| direction                        | arahan                             |
| directly                         | secara langsung                    |
| discover                         | temui                              |
| disintegrate                     | sepai                              |
| disorder                         | gangguan                           |
| disperse                         | sebar                              |
| dispersion                       | sebaran                            |
| displace                         | sesar                              |
| displacement                     | sesaran                            |
| disprove                         | menyangkal                         |
| disregard                        | tidak menghiraukan                 |
| dissipate                        | lesap                              |
| dissonance                       | disonans                           |
| distance                         | jarak                              |
| distant                          | jauh                               |
| distort                          | herot                              |
| distortion                       | herotan                            |
| distribute                       | mengedarkan                        |
| disturb                          | ganggu                             |
| disturbance                      | gangguan                           |
| dive                             | menyelam                           |
| diver                            | penyelam                           |
| diverge                          | mencapah                           |
| diverging lens                   | kanta mencapah                     |
| divide                           | bahagi                             |
| divider                          | pembahagi                          |
| division                         | bahagian                           |
| dock                             | dok                                |
| dockhand                         | pembantu dok                       |
| dog                              | anjing                             |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                   | MALAY                      |
|---------------------------|----------------------------|
| domain                    | domain                     |
| Doppler                   | Doppler                    |
| Doppler effect            | kesan Doppler              |
| Doppler shift             | syif Doppler               |
| double                    | berganda                   |
| double slit diffraction   | pembelauan celah ganda dua |
| drag                      | seret                      |
| draw                      | lukis                      |
| drop                      | jatuh                      |
| droplet                   | titisan                    |
| drum                      | gendang                    |
| ductility                 | kemuluran                  |
| dust                      | debu                       |
| dynamics                  | dinamik                    |
| <b>E</b>                  |                            |
| ear                       | telinga                    |
| eardrum                   | gendang telinga            |
| echo                      | gema                       |
| eclipse                   | gerhana                    |
| eclipse of the sun        | gerhana matahari           |
| ecological                | ekologi                    |
| ecology                   | ekologi                    |
| economical                | ekonomi                    |
| effect                    | kesan                      |
| effective                 | berkesan                   |
| effective resistance      | rintangan berkesan         |
| effectively               | secara berkesan            |
| efficiency                | kecekapan                  |
| effort                    | usaha                      |
| Einstein                  | Einstein                   |
| elastic                   | anjal                      |
| elastic collision         | pelanggaran anjal          |
| elasticity                | keanjalan                  |
| electric                  | elektrik                   |
| electric current          | aliran elektrik            |
| electric field            | medan elektrik             |
| electric field intensity  | keamatan medan elektrik    |
| electric field line       | garisan medan elektrik     |
| electric force            | daya elektrik              |
| electric generator        | penjana elektrik           |
| electric potential        | keupayaan elektrik         |
| electrode                 | elektrod                   |
| electromagnet             | elektromagnet              |
| electromagnetic           | elektromagnetik            |
| electromagnetic force     | daya elektromagnetik       |
| electromagnetic induction | induksi elektromagnetik    |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH              | MALAY                     |
|----------------------|---------------------------|
| electromagnetic wave | gelombang elektromagnetik |
| electromagnetism     | elektromagnetisme         |
| electromotive (EMF)  | elektromotif (EMF)        |
| electron             | elektron                  |
| electron cloud       | awan elektron             |
| electroscope         | elektroskop               |
| elevator             | lif                       |
| eliminate            | menyingkirkan             |
| ellipse              | elips                     |
| elongation           | pemanjangan               |
| embed                | benam                     |
| emerge               | muncul                    |
| emergency            | kecemasan                 |
| emission spectrum    | spektrum pancaran         |
| emit                 | memancarkan               |
| empirical            | empirik                   |
| enable               | dayakan                   |
| enclose              | mengurungi                |
| encounter            | pertemuan                 |
| energetic            | bertenaga                 |
| energetic state      | keadaan bertenaga         |
| energy               | tenaga                    |
| energy crisis        | krisis tenaga             |
| energy level         | tahap tenaga              |
| engineer             | jurutera                  |
| enormous             | besar                     |
| enrichment           | pengayaan                 |
| enter                | masuk                     |
| entropy              | entropi                   |
| equation             | persamaan                 |
| equator              | khatulistiwa              |
| equilibrant          | keseimbangan              |
| equilibrant force    | daya keseimbangan         |
| equilibrium          | keseimbangan              |
| equilibrium position | kedudukan keseimbangan    |
| equipment            | kelengkapan               |
| equivalent           | setara                    |
| erect                | tegak                     |
| essence              | esens                     |
| essentially          | secara perlu              |
| ether                | eter                      |
| evaporate            | menyejat                  |
| evaporation          | penyejatan                |
| evenly               | sama rata                 |
| evenness             | tenang                    |
| eventually           | kesudahannya              |
| evidence             | bukti                     |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH              | MALAY                 |
|----------------------|-----------------------|
| except               | kecuali               |
| exception            | pengecualian          |
| excited state        | keadaan teruja        |
| exert                | mengenakan            |
| exhaust              | ekzos                 |
| exhibit              | mempamerkan           |
| exist                | wujud                 |
| expand               | berkembang            |
| expansion            | pengembangan          |
| expect               | jangka                |
| expel                | mengusir              |
| experiment           | eksperimen            |
| explore              | teroka                |
| exponent             | eksponen              |
| exponential          | eksponen              |
| exponential notation | tatatanda eksponen    |
| exposure             | pendedahan            |
| express              | menyatakan            |
| extend               | panjangkan            |
| external             | luaran                |
| external force       | daya luaran           |
| extrapolation        | ekstrapolasi          |
| extreme              | ekstrem               |
| extremely            | secara ekstrem        |
| <b>F</b>             |                       |
| faint                | pengsan               |
| Farad                | Farad                 |
| farsightedness       | nampak jauh           |
| feat                 | pencapaian            |
| fiber                | gentian               |
| fiber optics         | optik gentian         |
| fiction              | fiksiyen              |
| field                | medan                 |
| filament             | filamen               |
| final velocity       | halaju akhir          |
| finger               | jari                  |
| first law of motion  | hukum gerakan pertama |
| first neutron        | neutron pertama       |
| first-order-line     | garis susunan pertama |
| fission              | pembelahan            |
| fixed                | tetap                 |
| flame                | lidah api             |
| flare                | bernyala              |
| flatten              | meranapkan            |
| flick                | menyelipkan           |
| flint glass          | kaca batu api         |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH            | MALAY              |
|--------------------|--------------------|
| float              | terapung           |
| fluid              | cecair             |
| fluorescent lamp   | lampu pendarfluor  |
| flute              | seruling           |
| flux               | fluks              |
| focal              | fokus              |
| focal length       | jarak fokus        |
| focal point        | titik fokus        |
| focus              | fokus              |
| fog                | kabus              |
| force              | daya               |
| force of friction  | daya geseran       |
| fork               | garpu              |
| form               | borang             |
| fraction           | pecahan            |
| frame              | bingkai            |
| frame of reference | rangka rujukan     |
| framework          | rangka kerja       |
| freedom            | kebebasan          |
| free-fall          | jatuh bebas        |
| freezing point     | takat beku         |
| Freon              | Freon              |
| frequency          | kekerapan          |
| frequently         | secara kerap       |
| friction           | geseran            |
| frictional         | geseran            |
| frictionless       | tanpa geseran      |
| frozen             | beku               |
| fundamental        | asas               |
| fur                | bulu               |
| furthermore        | selanjutnya        |
| fuse               | fius               |
| <b>G</b>           |                    |
| gain               | untung             |
| galaxy             | galaksi            |
| galvanometer       | galvanometer       |
| galvanic           | galvani            |
| galvanic cell      | sel galvani        |
| Gamma ray          | sinar gama         |
| gap                | jurang             |
| gas                | gas                |
| gas law            | hukum gas          |
| gaseous            | bergas             |
| gasoline           | petrol             |
| gauge              | tolok              |
| Geiger-Muller tube | tiub Geiger-Muller |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                      | MALAY                    |
|------------------------------|--------------------------|
| general theory of relativity | teori kerelatifan am     |
| generate                     | menjana                  |
| germanium                    | germanium                |
| giga                         | giga                     |
| give                         | beri                     |
| glance                       | sepintas                 |
| glass                        | kaca                     |
| glider                       | peluncur                 |
| gluon                        | gluon                    |
| gold                         | emas                     |
| govern                       | memerintah               |
| gradual                      | beransur-ansur           |
| gradually                    | secara beransur-ansur    |
| grain                        | butir                    |
| grains                       | butiran                  |
| gram                         | gram                     |
| graph                        | graf                     |
| graphical                    | grafik                   |
| grating                      | parutan                  |
| gravitation                  | kegravitian              |
| gravitational field          | medan graviti            |
| gravitational force          | daya graviti             |
| gravitation mass             | jisim graviti            |
| gravitation potential energy | tenaga keupayaan graviti |
| graviton                     | graviton                 |
| gravity                      | graviti                  |
| green                        | hijau                    |
| ground state                 | keadaan asas             |
| grounding                    | asas                     |
| gyroscope                    | giroskop                 |
| <b>H</b>                     |                          |
| Half-life                    | setengah hayat           |
| halt                         | berhenti                 |
| hammer                       | tukul                    |
| handle                       | pemegang                 |
| harmonic                     | harmoni                  |
| harmonious                   | harmoni                  |
| haul                         | punggah                  |
| headlamp                     | lampu depan              |
| heat                         | haba                     |
| heat effect                  | kesan haba               |
| heat engine                  | enjin haba               |
| heat of fusion               | haba pelakuran           |
| heat of vaporization         | Haba pengewapan          |
| heat pump                    | pam haba                 |
| specific heat                | haba tentu               |



PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                          | MALAY                            |
|----------------------------------|----------------------------------|
| heavy                            | berat                            |
| hecto                            | hekto                            |
| hectometer                       | hektometer                       |
| height                           | tinggi                           |
| Heisenberg uncertainty principle | prinsip ketaktentuan Heisenberg  |
| helicopter                       | helikopter                       |
| Helium                           | Helium                           |
| hence                            | oleh itu                         |
| Hertz                            | Hertz                            |
| high temperature source          | sumber suhu tinggi               |
| hiker                            | pengembara                       |
| hilly                            | berbukit-bukit                   |
| hockey                           | hoki                             |
| hollow                           | lompong                          |
| Hooke's law                      | hukum Hooke                      |
| horizontally                     | secara mendatar                  |
| horn                             | tanduk                           |
| huge                             | besar                            |
| hull                             | badan kapal                      |
| hydraulic                        | hidraulik                        |
| hydraulic system                 | sistem hidraulik                 |
| hydrogen                         | hidrogen                         |
| hydrodynamics                    | hidrodinamik                     |
| hydrostatics                     | hidrostatik                      |
| <b>I</b>                         |                                  |
| ideal                            | ideal                            |
| ideal gas                        | gas unggul                       |
| ideal gas law                    | hukum gas unggul                 |
| ideal mechanical advantage (IMA) | kelebihan mekanikal unggul (IMA) |
| ignite                           | mencucuh                         |
| ignition                         | pencucuhan                       |
| illuminance                      | pencahayaan                      |
| illuminate                       | memancarkan cahaya               |
| illuminated body                 | badan bercahaya                  |
| illumination                     | pencahayaan                      |
| illusion                         | ilusi                            |
| image                            | imej                             |
| imagine                          | bayangkan                        |
| immerse                          | rendam                           |
| immersion                        | perendaman                       |
| immersion heater                 | pemanas rendaman                 |
| impart                           | menyampaikan                     |
| implication                      | implikasi                        |
| impossible                       | mustahil                         |
| impulse                          | impuls                           |
| incandescent                     | pijar                            |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                | MALAY                       |
|------------------------|-----------------------------|
| incandescent lamp      | lampu pijar                 |
| incident               | insiden                     |
| Incident pulse         | Denyut insiden              |
| Incident wave          | Gelombang insiden           |
| incision               | insisi                      |
| inclined               | condong                     |
| Inclined plane         | Satah condong               |
| incompressible         | tak termampatkan            |
| increase               | meningkat                   |
| independent variable   | pemboleh ubah tak bersandar |
| independence           | ketakbersandaran            |
| Index of refraction    | Indeks biasan               |
| indicate               | menunjukkan                 |
| indication             | indikasi                    |
| individual             | individu                    |
| induction              | induksi                     |
| inductive reactance    | reaktans induktif           |
| inelastic              | tak anjal                   |
| inelastic collision    | pelanggaran tak anjal       |
| inertia                | inersia                     |
| inertial mass          | jisim inersia               |
| inexpensive            | tidak mahal                 |
| inflate                | mengembung                  |
| influence              | pengaruh                    |
| initial                | permulaan                   |
| initial momentum       | momentum permulaan          |
| initial velocity       | halaju permulaan            |
| inner ear              | bahagian dalam telinga      |
| input                  | input                       |
| insect                 | serangga                    |
| insert                 | masukkan                    |
| instant                | segera                      |
| instantaneous          | seketika                    |
| instantaneous speed    | kelajuan seketika           |
| instantaneous velocity | halaju seketika             |
| instantaneously        | seketika                    |
| instead                | sebaliknya                  |
| instrument             | peralatan                   |
| insulate               | menebat                     |
| insulator              | penebat                     |
| intake                 | pemasukan                   |
| integer                | integer                     |
| integrate              | bersepadu                   |
| integrated circuit     | litar bersepadu             |
| intensity              | keamatan                    |
| interaction            | interaksi                   |
| intercept              | pintasan                    |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                  | MALAY                 |
|--------------------------|-----------------------|
| interfere                | ganggu                |
| interference             | gangguan              |
| intermediate             | pertengahan           |
| internal                 | dalam                 |
| internal energy          | tenaga dalam          |
| internal force           | daya dalam            |
| interparticle            | antara zarah          |
| interpretation           | interpretasi          |
| interrupt (to)           | mengganggu (pada)     |
| interstellar             | antara najam          |
| interval                 | selang                |
| interlock                | saling kunci          |
| invent                   | cipta                 |
| inverse                  | songsang              |
| inverse variation        | ubahan songsang       |
| inversely                | songsang              |
| invert                   | terbalik              |
| investigate              | siasat                |
| inward                   | masuk                 |
| ion                      | ion                   |
| iridium                  | iridium               |
| iron                     | besi                  |
| irrigate                 | mengairi              |
| isolate                  | mengasingkan          |
| isolated system          | sistem terpencil      |
| isotope                  | isotop                |
| <b>J</b>                 |                       |
| jet plane                | pesawat jet           |
| jeweler                  | tukang emas           |
| joule                    | joule                 |
| Jupiter                  | Musytari              |
| <b>K</b>                 |                       |
| Kelvin                   | Kelvin                |
| Kelvin scale             | skala Kelvin          |
| kidney                   | buah pinggang         |
| kilo                     | kilo                  |
| kilogram                 | kilogram              |
| kilometer                | kilometer             |
| kilopascal               | kilopascal            |
| kilowatt                 | kilowatt              |
| kilowatt hour            | jam kilowatt          |
| kinematics               | kinematik             |
| kinetic energy           | tenaga kinetik        |
| kinetic molecular theory | teori molekul kinetik |
| kinetic theory           | teori kinetik         |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                         | MALAY                           |
|---------------------------------|---------------------------------|
| knapsack                        | beg galas                       |
| knob                            | tombol                          |
| krypton                         | kripton                         |
| <b>L</b>                        |                                 |
| laboratory                      | makmal                          |
| lack                            | kurang                          |
| laser                           | laser                           |
| lattice                         | kekisi                          |
| launch                          | lancarkan                       |
| law                             | hukum                           |
| law of action and reaction      | hukum tindakan dan tindak balas |
| law of conservation of momentum | hukum keabadian momentum        |
| lawn                            | halaman                         |
| lawn mower                      | pemangkas halaman rumput        |
| lead                            | plumbum                         |
| leak                            | bocor                           |
| ledge                           | birai                           |
| left-hand rule                  | aturan tangan kiri              |
| legend                          | petunjuk                        |
| length                          | panjang                         |
| lengthen                        | panjangkan                      |
| lens                            | lensa                           |
| Lenz's Law                      | Hukum Lenk                      |
| lepton                          | lepton                          |
| level                           | tahap                           |
| lever                           | tuas                            |
| Leyden Jar                      | Balang Leyden                   |
| liberate                        | membebaskan                     |
| librarian                       | pustakawan                      |
| lift                            | angkat                          |
| light                           | cahaya                          |
| light wave                      | gelombang cahaya                |
| likewise                        | sama juga                       |
| line                            | garisan                         |
| linear                          | linear                          |
| linear accelerator              | pemecut linear                  |
| linear equation                 | persamaan linear                |
| liner                           | liner                           |
| lip                             | bibir                           |
| liquefy                         | mencairkan                      |
| liquid                          | cecair                          |
| liter                           | liter                           |
| literally                       | secara harfiah                  |
| location                        | lokasi                          |
| longitudinal                    | longitudinal                    |
| longitudinal wave               | gelombang longitudinal          |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH              | MALAY                  |
|----------------------|------------------------|
| loudness             | kelantangan            |
| loudspeaker          | pembesar suara         |
| low                  | rendah                 |
| low temperature sink | sinki suhu rendah      |
| lubricant            | pelincir               |
| lumen                | lumen                  |
| luminous             | berkilau               |
| luminous flux        | fluks berkilau         |
| luminous intensity   | keamatan berluminesiti |
| lunar                | qamari                 |
| lunar module         | modul qamari           |
| lung                 | paru-paru              |
| <b>M</b>             |                        |
| magenta              | magenta                |
| magnet               | magnet                 |
| magnetic             | magnet                 |
| magnetic field       | medan magnet           |
| magnetic field line  | garisan medan magnet   |
| magnetic flux        | fluks magnetik         |
| magnetic induction   | aruhan magnet          |
| magnetism            | magnetisme             |
| magnification        | pembesaran             |
| magnify              | besarkan               |
| magnifying glass     | kanta pembesar         |
| magnitude            | magnitud               |
| maintain             | kekalkan               |
| malleability         | kebolehtempaan         |
| manner               | cara                   |
| manufacture          | membuat                |
| mass                 | jisim                  |
| mass defect          | cacat jisim            |
| mass number          | nombor jisim           |
| mass spectrograph    | spektrograf jisim      |
| massive              | besar                  |
| mathematical science | sains matematik        |
| mathematically       | secara matematik       |
| mathematician        | ahli matematik         |
| matter               | jirim                  |
| matter wave          | gelombang jirim        |
| maximum              | maksimum               |
| mean                 | min                    |
| measurable           | boleh diukur           |
| measurement          | ukuran                 |
| mechanical advantage | kelebihan mekanikal    |
| mechanical energy    | tenaga mekanikal       |
| mechanical force     | daya mekanikal         |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH           | MALAY               |
|-------------------|---------------------|
| mechanical wave   | gelombang mekanikal |
| medical           | perubatan           |
| medium            | sederhana           |
| mega              | mega                |
| megahertz         | megahertz           |
| megawatt          | megawatt            |
| melt              | cair                |
| melting point     | titik cair          |
| membrane          | membran             |
| mercury           | merkuri             |
| mercury barometer | barometer merkuri   |
| meson             | meson               |
| metabolism        | metabolisme         |
| metal runner      | pelari logam        |
| meteorology       | meteorologi         |
| meteoroid         | meteoroid           |
| methanol          | metanol             |
| method            | kaedah              |
| meticulously      | secara teliti       |
| metric system     | sistem metrik       |
| micro             | mikro               |
| microfarad        | mikrofarad          |
| microphone        | mikrofon            |
| microprocessor    | mikropemproses      |
| microscope        | mikroskop           |
| microscopic       | mikroskopik         |
| microwave         | ketuhar gelombang   |
| middle ear        | telinga tengah      |
| Milky Way Galaxy  | Galaksi Bima Sakti  |
| milli             | mili                |
| milliampere       | miliampere          |
| millibar          | millibar            |
| milligram         | miligram            |
| milliliter        | mililiter           |
| millimeter        | milimeter           |
| mirage            | logamaya            |
| mirror            | cermin              |
| mix               | campur              |
| mixed             | dicampur            |
| mixture           | campuran            |
| moderate          | sederhana           |
| moderator         | penyederhana        |
| modification      | pengubahsuaian      |
| modify            | ubah suai           |
| module            | modul               |
| mole              | mol                 |
| molecule          | molekul             |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                               | MALAY                           |
|---------------------------------------|---------------------------------|
| momenta                               | momenta                         |
| momentum                              | momentum                        |
| motion                                | gerakan                         |
| mouthpiece                            | pelekap mulut                   |
| mower                                 | pemangkas                       |
| mud                                   | lumpur                          |
| multiple                              | berbilang                       |
| multiplication                        | pendaraban                      |
| multiply                              | darab                           |
| muon=meson                            | meson                           |
| mutual                                | saling                          |
| mutually                              | secara bersaling                |
| muzzle                                | muncung                         |
| <b>N</b>                              |                                 |
| Nano                                  | Nano                            |
| nanometer                             | nanometer                       |
| nanosecond                            | nanosaat                        |
| naphtha                               | nafta                           |
| nasal                                 | hidung                          |
| natural                               | semula jadi                     |
| nature of the surface                 | sifat permukaan                 |
| nearsightedness                       | rabun dekat                     |
| negative                              | negatif                         |
| negative charge                       | cas negatif                     |
| neon                                  | neon                            |
| net force                             | daya bersih                     |
| neutral                               | neutral                         |
| neutrino                              | neutrino                        |
| neutron                               | neutron                         |
| newton                                | newton                          |
| Newton                                | Newton                          |
| Newton's First Law of Motion          | Hukum Gerakan Pertama Newton    |
| Newton's Second Law of Motion         | Hukum Gerakan Kedua Newton      |
| Newton's Third Law of Motion          | Hukum Gerakan Ketiga Newton     |
| nickel                                | nikel                           |
| nitrogen                              | nitrogen                        |
| nodal                                 | nod                             |
| nodal line                            | garis nod                       |
| node                                  | nod                             |
| non perpendicular component           | komponen bukan seranjang        |
| non perpendicular component of vector | komponen bukan seranjang vektor |
| normal force                          | daya normal                     |
| north pole                            | kutub utara                     |
| North Pole                            | Kutub Utara                     |
| Northern Hemisphere                   | Hemisfera utara                 |
| northern light                        | cahaya utara                    |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                  | MALAY                  |
|--------------------------|------------------------|
| notation                 | notasi                 |
| note                     | nota                   |
| nuclear                  | nuklear                |
| nuclear bombardment      | pembedilan nukleus     |
| nuclear model            | model nuklear          |
| nuclear potential energy | tenaga potensi nuklear |
| nuclear reaction         | tindak balas nuklear   |
| nuclei                   | nukleus                |
| nucleon                  | nukleon                |
| nucleus                  | nukleus                |
| nuclide                  | nuklida                |
| numerically              | berangka               |
| <b>O</b>                 |                        |
| obey                     | patuh                  |
| oboe                     | obo                    |
| observable               | diperhatikan           |
| observation              | pemerhatian            |
| observatory              | balai cerap            |
| observe                  | cerap                  |
| obstacle                 | halangan               |
| obtain                   | memperoleh             |
| occupy                   | menghuni               |
| occur                    | berlaku                |
| octagon                  | oktagon                |
| octagonal                | bersegi lapan          |
| octave                   | oktaf                  |
| Ohm                      | Ohm                    |
| Ohm's Law                | Hukum Ohm              |
| opaque                   | legap                  |
| operation                | operasi                |
| oppose                   | menentang              |
| optical                  | optik                  |
| optical density          | ketumpatan optik       |
| optics                   | optik                  |
| orbit                    | orbit                  |
| organ                    | organ                  |
| orientation              | orientasi              |
| origin                   | asal                   |
| oscillate                | ayun                   |
| oscillation              | ayunan                 |
| oscilloscope             | osiloskop              |
| outer ear                | telinga luar           |
| outlet                   | saluran keluar         |
| output                   | keluaran               |
| outward                  | ke luar                |
| oval                     | bujur                  |



PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH              | MALAY              |
|----------------------|--------------------|
| overall              | keseluruhan        |
| overload             | lebih beban        |
| overlook             | terlepas perhatian |
| overtones            | nada lampau        |
| oxygen               | oksigen            |
| <b>P</b>             |                    |
| painstakingly        | dengan teliti      |
| palm                 | palma              |
| parabola             | parabola           |
| parabolic            | parabola           |
| parachute            | paracut            |
| paraffin             | parafin            |
| parallax             | paralaks           |
| parallel             | selari             |
| parallel connection  | sambungan selari   |
| parallel force       | daya selari        |
| particle             | partikel           |
| particle accelerator | pemecut zarah      |
| Pascal               | Pascal             |
| Pascal's Principle   | Prinsip Pascal     |
| patch                | tampal             |
| path                 | laluan             |
| pavement             | turapan            |
| peculiar             | ganjil             |
| peculiarity          | keganjilan         |
| pendulum             | bandul             |
| performer            | pelaku             |
| perimeter            | perimeter          |
| period               | tempoh             |
| periodic             | berkala            |
| permanently          | kekal              |
| perpendicular        | berserenjang       |
| perpendicular force  | daya serenjang     |
| perpendicularly      | secara tegak lurus |
| perspective          | perspektif         |
| perspiration         | peluh              |
| phase                | fasa               |
| phenomena            | fenomena           |
| phenomenon           | fenomenon          |
| philosopher          | ahli falsafah      |
| phosphor             | fosfor             |
| phosphorescence      | pendarfosfor       |
| photoelectric effect | kesan fotoelektrik |
| photoflash           | denyar foto        |
| photography          | fotografi          |
| photo resistor       | perintang foto     |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH            | MALAY                 |
|--------------------|-----------------------|
| photovoltaic       | fotovolta             |
| photovoltaic cell  | sel fotovolta         |
| physical           | fizikal               |
| physical phenomena | fenomena fizikal      |
| physicist          | ahli fizik            |
| physics            | fizik                 |
| Pico               | Pico                  |
| Pico farad         | Pico farad            |
| pier               | dermaga               |
| piezoelectricity   | kepiezoelektrikan     |
| pig                | khinzir               |
| pigment            | pigmen                |
| pile               | longgokan             |
| pinna              | pina                  |
| pipe               | paip                  |
| pistol             | pistol                |
| piston             | piston                |
| pitch              | kecondongan           |
| pith               | empulur               |
| pith ball          | bebola empulur        |
| plane mirror       | cermin satah          |
| planet             | planet                |
| plasma             | plasma                |
| plastic            | plastik               |
| platinum           | platinum              |
| plot               | plot                  |
| plunge             | junam                 |
| polarity           | kekutuban             |
| polarized          | terkutub              |
| plane polarized    | terkutub secara satah |
| polarization       | pengutuban            |
| polarizer          | pengutub              |
| pole               | kutub                 |
| pollution          | pencemaran            |
| pound              | paun                  |
| portion            | bahagian              |
| position           | posisi                |
| positive           | positif               |
| positive charge    | cas positif           |
| positron           | positron              |
| possess            | mempunyai             |
| postulate          | postulat              |
| pot                | pot                   |
| potential          | potensi               |
| potential energy   | tenaga keupayaan      |
| potentiometer      | potensiometer         |
| pour               | tuang                 |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                    | MALAY               |
|----------------------------|---------------------|
| power                      | kuasa               |
| practical                  | praktikal           |
| precise                    | persis              |
| precisely                  | tepat               |
| precision                  | ketepatan           |
| predict                    | meramal             |
| predominate                | mendominasi         |
| prefix                     | awalan              |
| preliminary                | awal                |
| pressure                   | tekanan             |
| presumably                 | barangkali          |
| prevent                    | cegah               |
| previous                   | sebelum             |
| previously                 | sebelumnya          |
| primary                    | utama               |
| primary coil               | gegelung utama      |
| primary color              | warna utama         |
| primary pigment            | pigmen utama        |
| principle                  | prinsip             |
| principal axis             | paksi utama         |
| principal focus            | fokus utama         |
| principal focal point      | titik fokus utama   |
| principle of superposition | prinsip superposisi |
| prism                      | prisma              |
| probability                | kebarangkalian      |
| probe                      | dalami              |
| procedure                  | prosedur            |
| process                    | proses              |
| productivity               | produktiviti        |
| programmable               | boleh atur cara     |
| prohibit                   | larang              |
| project                    | projek              |
| projectile                 | lontaran            |
| projectile motion          | gerakan lontaran    |
| propel                     | rejang              |
| property                   | sifat               |
| proportional               | berkadat            |
| proportionality            | kekadatan           |
| proportionality constant   | pemalar perkadatan  |
| propose                    | cadangkan           |
| proton                     | proton              |
| protractor                 | jangka sudut        |
| prove                      | buktikan            |
| proximity                  | kehampiran          |
| puck                       | pak                 |
| puddle                     | mengedapkan         |
| pull-tab                   | tab tarik           |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH              | MALAY               |
|----------------------|---------------------|
| pulley               | takal               |
| pulsar               | pulsar              |
| pulse                | nadi                |
| pump                 | pam                 |
| push                 | tolak               |
| putty                | pakal               |
| Pythagorean          | Phythagoras         |
| Pythagorean theorem  | teorem Pythagoras   |
| <b>Q</b>             |                     |
| quadrangular         | bersegi empat       |
| quality              | kualiti             |
| quantity             | kuantiti            |
| quantize             | kuantisasi          |
| quantum mechanics    | mekanik kuantum     |
| quantum number       | nombor kuantum      |
| quantum theory       | teori kuantum       |
| quark                | kuark               |
| quark model nucleon  | nukleon model kuark |
| quotient             | hasil bahagi        |
| <b>R</b>             |                     |
| raceway, racetrack   | litar lumba         |
| racquet              | raket               |
| radial               | jejari              |
| radially             | kejejarian          |
| radiation            | radiasi             |
| radiator             | radiator            |
| radio                | radio               |
| radio wave           | gelombang radio     |
| radioactive          | radioaktif          |
| radioactive decay    | reputan radioaktif  |
| radioactive material | bahan radioaktif    |
| rainbow              | pelangi             |
| raise                | menaikkan           |
| ramp                 | tanjakan            |
| random               | rawak               |
| range                | julat               |
| rank                 | pangkat             |
| ray                  | sinar               |
| ray optics           | sinar optik         |
| razor                | pisau cukur         |
| reaction             | reaksi              |
| readily              | bersedia            |
| real                 | sebenar             |
| real image           | imej sebenar        |
| realistic            | realistik           |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                 | MALAY                     |
|-------------------------|---------------------------|
| rebound                 | pantulan                  |
| reciprocal              | timbang balik             |
| recombine               | gabung semula             |
| recognize               | mengenali                 |
| rectangular             | segi empat tepat          |
| red                     | merah                     |
| redefine                | mentakrifkan semula       |
| reed                    | rid                       |
| reestablish             | membina semula            |
| refer                   | rujuk                     |
| reference               | rujukan                   |
| reference point         | titik rujukan             |
| reflect                 | pantul                    |
| reflection              | pantulan                  |
| refraction              | biasan                    |
| refrigerator            | peti sejuk                |
| regard                  | berkaitan                 |
| region                  | wilayah                   |
| register                | daftar                    |
| regular reflection      | pantulan sekata           |
| regulate                | kawal selia               |
| reinforce               | mengukuhkan               |
| reinforcement           | peneguhan                 |
| relate                  | kisahkan                  |
| relationship            | perhubungan               |
| relatively              | secara relatif            |
| relativity              | kerelatifan               |
| release                 | keluaran                  |
| remain                  | kekal                     |
| remainder               | baki                      |
| remove                  | alih keluar               |
| renew                   | perbaharui                |
| menentang repeat        | ulang                     |
| repel                   | menolak                   |
| repetitious             | berulang-ulang            |
| replace                 | ganti                     |
| represent               | mewakili                  |
| repulsion               | tolakan                   |
| repulsive               | tolakan                   |
| research                | penyelidikan              |
| resist                  | menentang                 |
| resistance              | rintangan                 |
| resistor                | perintang                 |
| resolve                 | selesaikan                |
| resolving power of lens | menyelesaikan kuasa kanta |
| resonance               | resonans                  |
| respective              | masing-masing             |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH             | MALAY            |
|---------------------|------------------|
| response            | respons          |
| restatement         | penyataan semula |
| restoring force     | daya pemulih     |
| resultant           | paduan           |
| retain              | mengekalkan      |
| retina              | retina           |
| reveal              | dedahkan         |
| reverse             | berundur         |
| revolve             | berkisar         |
| rheostat            | reostat          |
| ribbon              | reben            |
| ridge               | permatang        |
| right angle         | sudut tegak      |
| rigid               | tegar            |
| ripple              | riak             |
| ripple tank         | tangki riak      |
| rise                | naik             |
| rivet               | rivet            |
| robot               | robot            |
| robotics            | robotik          |
| rocket              | roket            |
| rocking             | berbuai          |
| roll                | gulung           |
| rope                | tali             |
| rubber ball         | bola getah       |
| rush                | ber gegas        |
| <b>S</b>            |                  |
| sac                 | pundi            |
| sack                | karung           |
| sag                 | lendut           |
| sailor              | pelayar          |
| sap                 | sap              |
| satellite           | satelit          |
| saxophone           | saksofon         |
| scaffold            | perancah         |
| scalar              | skalar           |
| scalar quantity     | kuantiti skalar  |
| scale               | skala            |
| schematic           | skematik         |
| scientific          | saintifik        |
| scientific method   | kaedah saintifik |
| scientific notation | notasi saintifik |
| scintillation       | kerdipan         |
| scissors            | gunting          |
| screen              | skrin            |
| screw               | skru             |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                 | MALAY                    |
|-------------------------|--------------------------|
| screwdriver             | pemutar skru             |
| scuba                   | skuba                    |
| sea level               | paras laut               |
| seal                    | adangan                  |
| second                  | saat                     |
| secondary               | sekunder                 |
| secondary coil          | gegelung sekunder        |
| secondary color         | warna sekunder           |
| secondary pigment       | pigmen sekunder          |
| second left-hand rule   | aturan tangan kiri kedua |
| second-order line       | garisan pesanan kedua    |
| selenium                | selenium                 |
| self-inductance         | induktansi diri          |
| semiconductor           | semikonduktor            |
| sensation               | sensasi                  |
| sense                   | deria                    |
| sensitive               | sensitif                 |
| separate                | berasingan               |
| separated               | diasingkan               |
| series                  | siri                     |
| series connection       | sambungan siri           |
| series-parallel circuit | litar siri-selari        |
| sewing                  | menjahit                 |
| sewing needle           | jarum menjahit           |
| shadow                  | bayang-bayang            |
| shape                   | bentuk                   |
| share                   | kongsi                   |
| ship builder            | pembina kapal            |
| shirt                   | kemeja                   |
| short circuit           | litar pintas             |
| shot-putter             | pelontar peluru          |
| shovel                  | penyodok                 |
| shrink                  | kecut                    |
| sidewalk                | lorong pejalan kaki      |
| sideway                 | tepi jalan               |
| significant             | bererti                  |
| significant digit       | digit bererti            |
| silicon                 | silikon                  |
| silk                    | sutera                   |
| silver                  | perak                    |
| simple harmonic motion  | gerakan harmoni ringkas  |
| simple machine          | mesin ringkas            |
| simplify                | permudahkan              |
| single-flit diffraction | pembelauan frit tunggal  |
| sink                    | tenggelam                |
| sine                    | sinus                    |
| sinus                   | sinus                    |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH              | MALAY               |
|----------------------|---------------------|
| sinkable             | boleh tenggelam     |
| siren                | siren               |
| skating              | meluncur            |
| skydiver             | penerjun udara      |
| sled                 | gelangsar           |
| sliding friction     | geseran gelongsor   |
| slightly             | sedikit             |
| slit                 | torehan             |
| slope                | cerun               |
| smokestack           | cerobong asap       |
| smooth               | licin               |
| snap                 | kilat               |
| Snell's Law          | Hukum Snell         |
| snowmobile           | kereta salji        |
| socket               | soket               |
| sodium               | natrium             |
| solar                | solar               |
| solar cell           | sel solar           |
| solid                | pepejal             |
| solid state          | keadaan pepejal     |
| solidity             | kepejalan           |
| solution             | larutan             |
| sonar                | sonar               |
| soot                 | jelaga              |
| soprano              | soprano             |
| sound wave           | gelombang bunyi     |
| South Pole           | Kutub Selatan       |
| spacecraft           | kapal angkasa       |
| spark                | percikan            |
| specific             | khusus              |
| specific heat        | haba tentu          |
| speck                | rintik              |
| spectrometer         | spektrometer        |
| spectroscope         | spektroskop         |
| spectrum             | spektrum            |
| speed                | kelajuan            |
| sphere               | sfera               |
| spherical            | sfera               |
| spherical aberration | aberasi sfera       |
| spider web           | sarang labah-labah; |
| spill                | tumpah              |
| spin                 | putar               |
| spiral               | pilin               |
| split                | pisah               |
| spoiler              | spoiler             |
| spontaneously        | secara spontan      |
| spoon                | sudu                |



PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                       | MALAY                   |
|-------------------------------|-------------------------|
| spray                         | penyembur               |
| spread                        | tersebar                |
| spring                        | spring                  |
| sprinkle                      | merenjis                |
| square                        | segi empat sama         |
| standard atmospheric pressure | tekanan atmosfera biasa |
| startling                     | mengejutkan             |
| state                         | keadaan                 |
| standing                      | berdiri                 |
| standing wave                 | gelombang pegun         |
| static friction               | geseran statik          |
| static electricity            | elektrik statik         |
| statics                       | statik                  |
| stationary                    | tidak bergerak          |
| steam                         | wap                     |
| stem                          | stem                    |
| step-down transformer         | pengubah langkah turun  |
| step-up transformer           | pengubah langkah naik   |
| stick                         | tongkat                 |
| stiffness                     | kekakuan                |
| still                         | pegun                   |
| stimulate                     | merangsang              |
| stimulated emission           | pancaran terangsang     |
| stitch                        | jahit                   |
| stone                         | batu                    |
| store                         | simpan                  |
| straight                      | lurus                   |
| straighten                    | meluruskan              |
| strain                        | ketegangan              |
| straw                         | penyedut minuman        |
| strength                      | kekuatan                |
| stretch                       | regang                  |
| strike                        | pukul                   |
| string                        | tali                    |
| strip                         | jalur                   |
| strobe                        | strob                   |
| strobe light                  | lampu strob             |
| strobe photography            | fotografi strob         |
| strong nuclear force          | daya nuklear kuat       |
| structure                     | struktur                |
| subatomic                     | sub atom                |
| submarine                     | kapal selam             |
| submerge                      | tenggelam               |
| substance                     | bahan                   |
| substitute                    | menggantikan            |
| subtraction                   | penolakan               |
| succession                    | sesaran                 |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                             | MALAY                      |
|-------------------------------------|----------------------------|
| suddenly                            | tiba-tiba                  |
| sufficiently                        | cukup                      |
| sulfide                             | sulfida                    |
| summarize                           | menyimpulkan               |
| superposition                       | superposisi                |
| supersonic                          | supersonik                 |
| support                             | sokongan                   |
| surface                             | permukaan                  |
| surface tension                     | tegangan permukaan         |
| surface wave                        | gelombang permukaan        |
| surgery                             | pembedahan                 |
| surplus                             | lebihan                    |
| suspect                             | suspek                     |
| suspend                             | meng gantung               |
| Swedish                             | Sweden                     |
| sweep                               | sapu                       |
| swing                               | berayun                    |
| swing seat                          | kerusi buaian              |
| swirl                               | berlingkar                 |
| symbol                              | simbol                     |
| symmetrical                         | simetri                    |
| synchrocyclotron                    | sinkrosiklotron            |
| systematic                          | sistematik                 |
| systematic method                   | kaedah sistematik          |
| <b>T</b>                            |                            |
| table                               | jadual                     |
| tangent                             | tangen                     |
| tank                                | tangki                     |
| technique                           | teknik                     |
| technologist                        | ahli teknologi             |
| telescope                           | teleskop                   |
| temperature                         | suhu                       |
| temperature scale                   | skala suhu                 |
| temporary                           | sementara                  |
| tend                                | cenderung                  |
| tendency                            | kecenderungan              |
| tensile                             | tegangan                   |
| tension                             | tegangan                   |
| terminal velocity                   | halaju terminal            |
| terrestrial                         | daratan                    |
| tesla                               | tesla                      |
| tetrachloride                       | tetraklorida               |
| The Law of Conservation of Energy   | Hukum Keabadian Tenaga     |
| The Law of Conservation of Momentum | Hukum Keabadian Momentum   |
| The Law of Reflection               | Hukum Pantulan             |
| The first law of Thermodynamics     | Hukum pertama Termodinamik |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                          | MALAY                    |
|----------------------------------|--------------------------|
| The second law of Thermodynamics | Hukum kedua Termodinamik |
| theoretical physicist            | ahli fizik teori         |
| theory                           | teori                    |
| theory of relativity             | teori kerelatifan        |
| thermal                          | terma                    |
| thermal energy                   | tenaga terma             |
| thermal equilibrium              | keseimbangan terma       |
| thermal expansion                | pengembangan terma       |
| thermodynamics                   | termodinamik             |
| thermometer                      | termometer               |
| thermometry                      | termometri               |
| thermonuclear                    | termonuklear             |
| thermonuclear reaction           | reaksi termonuklear      |
| thermostat                       | termostat                |
| thin                             | nipis                    |
| thin film                        | filem nipis              |
| thorium                          | torium                   |
| thread                           | bebenang                 |
| threshold                        | ambang                   |
| throat                           | tekak                    |
| thumb                            | ibu jari                 |
| tide                             | pasang surut             |
| tighten                          | ketatkan                 |
| tightly                          | ketat                    |
| tilt                             | condong                  |
| timbre                           | warna bunyi              |
| time                             | masa                     |
| tiny                             | kecil                    |
| tire                             | tayar                    |
| tissue                           | tisu                     |
| tolerate                         | bertolak ansur           |
| toner                            | toner                    |
| tongue                           | lidah                    |
| torr                             | torr                     |
| torsion                          | kilasan                  |
| torsion balance                  | neraca kilasan           |
| total internal reflection        | pantulan dalam penuh     |
| tower                            | menara                   |
| tractor                          | traktor                  |
| train                            | kereta api               |
| trajectory                       | trajektori               |
| trampoline                       | trampolin                |
| tranquilizer                     | penenang                 |
| transducer                       | pemindah arus            |
| transfer                         | pindahkan                |
| transformer                      | pengubah                 |
| transistor                       | transistor               |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH                 | MALAY                     |
|-------------------------|---------------------------|
| translucent             | lut cahaya                |
| transmission            | transmisi                 |
| transmit                | hantar                    |
| transmitted wave        | gelombang yang dihantar   |
| transmutation           | transmutasi               |
| transparent             | telus                     |
| transverse              | melintang                 |
| transverse wave         | gelombang melintang       |
| trench                  | peparit                   |
| triangle                | segi tiga                 |
| trigger                 | pencetus                  |
| trigonometry            | trigonometri              |
| trillion                | trilion                   |
| trombone                | trombon                   |
| trough                  | palung                    |
| trumpet                 | trompet                   |
| tuba                    | tuba                      |
| tube                    | tiub                      |
| tune                    | nada                      |
| tuning fork             | tala bunyi                |
| tungsten                | tungsten                  |
| tunnel                  | terowong                  |
| turbulent               | bergelora                 |
| twice                   | dua kali                  |
| twirl                   | lilit                     |
| twist                   | pintal                    |
| <b>U</b>                |                           |
| ultrasonography         | ultrasonografi            |
| ultrasound              | ultrabunyi                |
| unaffected              | tidak terjejas            |
| unavailability          | tidak tersedia            |
| unbalance               | tidak seimbang            |
| unbalance force         | daya tidak seimbang       |
| uncertainty             | tidak pasti               |
| unchanged               | tidak berubah             |
| undergo                 | menjalani                 |
| undiminished            | tidak berkurangan         |
| uniform                 | seragam                   |
| uniform acceleration    | pecutan seragam           |
| uniform circular motion | gerakan berpusing seragam |
| uniformly               | seragam                   |
| unit                    | unit                      |
| units of force          | unit daya                 |
| universe                | alam semesta              |
| unknown                 | tidak diketahui           |
| unsteady                | tak mantap                |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH            | MALAY               |
|--------------------|---------------------|
| upright            | tegak               |
| upward             | ke atas             |
| utensil            | perkakas            |
| <b>V</b>           |                     |
| vacuum             | vakum               |
| valid              | sah                 |
| value              | nilai               |
| vapor              | wap                 |
| vapor state        | keadaan berwap      |
| vaporization       | pengewapan          |
| vaporize           | mengewap            |
| variable           | pemboleh ubah       |
| variation          | variasi             |
| variety            | keanekaan           |
| various            | pelbagai            |
| vector             | vektor              |
| vector quantity    | kuantiti vektor     |
| vector resolution  | resolusi vektor     |
| vector sum         | hasil tambah vektor |
| vein               | vena                |
| velocity           | halaju              |
| verification       | pengesahan          |
| vertex             | bucu                |
| vertically         | secara menegak      |
| vibrate            | bergetar            |
| vibrational motion | gerakan bergetar    |
| violate            | mencabuli           |
| virtual            | maya                |
| virtual image      | imej maya           |
| viscous            | pekat               |
| viscous liquid     | cecair pekat        |
| visible            | boleh dilihat       |
| visualize          | menggambarkan       |
| vocal              | vokal               |
| vocal cord         | kord vokal          |
| volatile           | meruap              |
| volatile liquid    | cecair meruap       |
| volt               | volt                |
| voltaic            | volta               |
| voltaic cell       | sel volta           |
| voltage            | voltan              |
| voltage divider    | pembahagi voltan    |
| voltage drop       | turunan voltan      |
| voltmeter          | voltmeter           |
| volume             | isi padu            |
| vowel              | vocal               |

PHYSICS GLOSSARY – HIGH SCHOOL LEVEL

| ENGLISH         | MALAY              |
|-----------------|--------------------|
| <b>W</b>        |                    |
| water pollution | pencemaran air     |
| wave speed      | kelajuan gelombang |
| weak force      | daya lemah         |
| <b>X Y Z</b>    |                    |
| X-rays          | sinar X            |
| X-value         | nilai-X            |
| Xerox           | Xerox              |
| Y-value         | nilai-Y            |
| yellow          | kuning             |
| zinc            | zink               |