

AQA · GCSE · Physics

Glossary · every term in the course, A–Z

English

Acceleration

/ək,selə'reɪʃn/

Activity

/æk'tɪvɪti/

alternating

/'ɔ:ltəneɪtɪŋ/

amplitude

/ˈæmplɪtju:d/

background radiation

/'bækgraʊnd ˌreɪdɪ'eɪʃn/

becquerel

/'bekwərəl/

centre of mass

/'sentə ɒv mæs/

charge

/tʃɑ:dʒ/

circuit symbols

/'sɜ:kɪt 'sɪmblz/

closed system

/kləʊzd 'sɪstəm/

compressions

/kəm'preʃnz/

concave

/kɒn'keɪv/

contact

/'kɒntækt/

Contamination

/kən,tæmɪ'neɪʃn/

convex

/kɒn'veks/

Count-rate

/kaʊnt reɪt/

density

/'densɪti/

diffuse reflection

/dɪ'fju:z rɪ'flekʃn/

English

Diode

/ˈdaɪəʊd/

direct

/daɪˈrekt/

Displacement

/dɪˈspleɪsmənt/

dissipated

/ˈdɪsɪpeɪtɪd/

Distance

/ˈdɪstəns/

drag

/dræg/

effectiveness

/ɪˈfektɪvnəs/

efficiency

/ɪˈfɪʃənsi/

Elastic

/ɪˈlæstɪk/

elastic potential energy

/ɪˈlæstɪk pəˈtenʃl ˈenədʒi/

Electric current

/ɪˈlektrɪk ˈkʌrənt/

electric field

/ɪˈlektrɪk fiːld/

electromagnet

/ɪˌlektərəˈmæɡnɪt/

energy

/ˈenədʒi/

energy stores

/ˈenədʒi stɔːz/

equilibrium

/ˌiːkwɪˈlɪbrɪəm/

extension

/ekˈstɛnʃn/

Filament lamp

/ˈfɪləmənt læmp/

fission

/ˈfɪʃn/

fossil fuels

/ˈfɒsl ˈfjuːəlz/

English

free-body diagrams

/fri: 'bɒdi 'daɪəgræmz/

frequency

/'fri:kwənsi/

Fusion

/'fju:ʒn/

gravitational field strength

/,grævɪ'teɪʃənl fi:ld streŋθ/

gravitational potential

energy

/,grævɪ'teɪʃənl pə'tenʃl 'enədʒi/

Half-life

/hɑ:f laɪf/

heating

/'hi:tɪŋ/

in parallel

/ɪn 'pærəlel/

in series

/ɪn 'sɪəri:z/

induced magnet

/ɪn'dju:st 'mæɡnɪt/

inelastic

/ɪn'læstɪk/

Inertia

/ɪ'nɜ:ʃə/

internal energy

/ɪn'tɜ:nl 'enədʒi/

Irradiation

/,ɪreɪdɪ'eɪʃn/

isotopes

/'aɪsətəʊps/

kinetic energy

/kɪ'netɪk 'enədʒi/

latent heat

/'leɪtənt hi:t/

LDR

/,el di: 'ɑ:/

limit of proportionality

/'lɪmɪt ɒv prə'pɔ:ʃə'nælɪti/

longitudinal

/,lɒŋɡɪ'tju:dɪnl/

English

Lubrication

/ˌluːbrɪˈkeɪʃn/

magnetic field

/mægˈnetɪk fiːld/

magnetic flux density

/mægˈnetɪk flʌks ˈdensɪti/

moment

/ˈməʊmənt/

National Grid

/ˈnæʃənl ɡrɪd/

nebula

/ˈnebjʊlə/

non-contact

/nɒn ˈkɒntækt/

non-renewable

/nɒn rɪˈnjuːəbl/

nuclear fuel

/ˈnjuːklɪə ˈfjuːəl/

Ohmic conductor

/ˈəʊmɪk kənˈdʌktə/

period

/ˈpɪəriəd/

permanent magnet

/ˈpɜːmənənt ˈmæɡnɪt/

physical changes

/ˈfɪzɪkl ˈtʃeɪndʒɪz/

Physics Equations Sheet

/ˈfɪzɪks ɪˈkweɪʒnz ʃiːt/

poles

/pəʊlz/

potential difference

/pəˈtenʃl ˈdɪfrəns/

power

/ˈpaʊə/

powerful

/ˈpaʊəfl/

radioactive decay

/ˌreɪdɪəʊˈæktɪv dɪˈkeɪ/

rarefactions

/ˌreəriˈfækʃnz/

English

red-shift

/red ʃɪft/

renewable

/rɪˈnjuːəbl/

resistance

/rɪˈzɪstəns/

resultant force

/rɪˈzʌltənt fɔːs/

Sankey diagram

/'sæŋki ˈdaɪəgræm/

scalar

/'skeɪlə/

solenoid

/'səʊlənɔɪd/

specific heat capacity

/spəˈsɪfɪk hi:t kəˈpæsɪti/

specific latent heat

/spəˈsɪfɪk ˈleɪtənt hi:t/

specular reflection

/'spekjʊlə rɪˈflekʃn/

Speed

/spi:d/

spring constant

/sprɪŋ ˈkɒnstənt/

step-down transformer

/step daʊn trænɪsˈfɔːmə/

step-up transformer

/step ʌp trænɪsˈfɔːmə/

sublimates

/'sʌblɪmeɪts/

supernova

/ˌsuːpəˈnəʊvə/

system

/'sɪstəm/

terminal velocity

/'tɜːmɪnəl vəˈlɒsɪti/

thermal conductivity

/'θɜːml kɒndəktɪvɪti/

Thermal insulation

/'θɜːml ˌɪnsjuːˈleɪʃn/

English

Thermistor

/ˈθɜːmɪstə/

transformer

/trænsˈfɔːmə/

transverse

/trænsˈvɜːs/

upthrust

/ˈʌpθrʌst/

Vaporisation

/ˌveɪpəraɪˈzeɪʃn/

vector

/ˈvektə/

Velocity

/vəˈlɒsɪti/

watt

/wɒt/

wavelength

/ˈweɪvlɛŋθ/

weight

/weɪt/

work done

/wɜːk dʌn/

work done by forces

/wɜːk dʌn baɪ ˈfɔːsɪz/

work done when a current
flows

/wɜːk dʌn wen ə ˈkʌrənt fləʊz/
