

AQA · GCSE · Physics

Glossary · every term in the course, A–Z

English

Acceleration

/ək,selə'reɪʃn/

Activity

/æk'tɪvɪti/

alternating

/'ɔ:ltənertɪŋ/

amplitude

/'æmplɪtju:d/

background radiation

/'bækgraʊnd ,reɪdɪ'eɪʃn/

becquerel

/'bekwərəl/

centre of mass

/'sentə ɒv mæs/

charge

/tʃɑ:dʒ/

circuit symbols

/'sɜ:kɪt 'sɪmbəlz/

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

/ˈdaɪəd/

direct

/daɪ'rekt/

Displacement

/dɪ'spleɪsmənt/

dissipated

/ˈdɪsɪpeɪtɪd/

Distance

/ˈdɪstəns/

drag

/dræg/

effectiveness

/ɪ'fektɪvnəs/

efficiency

/ɪ'fɪʃənsi/

Elastic

/ɪ'læstɪk/

elastic potential energy

/ɪ'læstɪk pə'tenʃl 'enədʒi/

Electric current

/ɪ'lektrɪk 'kʌrənt/

electric field

/ɪ'lektrɪk fi:ld/

electromagnet

/ɪ,lektrəʊ'mæɡnɪt/

energy

/ˈenədʒi/

energy stores

/ˈenədʒi stɔːz/

equilibrium

/ɪˈkwɪ'lɪbrɪəm/

extension

/ek'stenʃn/

Filament lamp

/ˈfɪləmənt læmp/

fission

/ˈfɪʃn/

fossil fuels

/ˈfɒsl 'fjuːəlz/

English

free-body diagrams

/fri: 'bɒdi 'daɪəgræmz/

frequency

/'fri:kwənsi/

fusion

/'fju:ʒn/

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 'pærələl/

in series

/ɪn 'sɪəri:z/

induced magnet

/ɪn'dju:st 'mæɡnɪt/

inelastic

/ɪn'elæstɪk/

Inertia

/ɪ'nɜ:ʃə/

internal energy

/ɪn'tɜ:nl 'enədʒi/

Irradiation

/,ɪreɪdɪ'eɪʃn/

isotopes

/'aɪsə'təʊps/

kinetic energy

/kɪ'netɪk 'enədʒi/

latent heat

/'leɪtənt hi:t/

LDR

/,el di: 'ɑ:/

limit of proportionality

/'lɪmɪt ɒv prə'pɔ:ʃə'nælɪti/

English

longitudinal

/ˌlɒŋɡɪˈtʃuːdɪnəl/

Lubrication

/ˌluːbrɪˈkeɪʃn/

magnetic field

/mægˈnetɪk fiːld/

magnetic flux density

/mægˈnetɪk flʌks ˈdensɪti/

moment

/ˈməʊmənt/

National Grid

/ˈnæʃənəl grɪd/

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/

English

rarefactions

/ˌræəriˈfækʃnz/

red-shift

/redʃɪft/

renewable

/rɪˈnjuːəbl/

resistance

/rɪˈzɪstəns/

resultant force

/rɪˈzʌltənt fɔːs/

Sankey diagram

/ˈsæŋki ˈdaɪəgræm/

scalar

/ˈskeɪlə/

solenoid

/ˈsəʊlənɔɪd/

specific heat capacity

/spəˈsɪfɪk hiːt kəˈpæsɪti/

specific latent heat

/spəˈsɪfɪk ˈleɪtənt hiːt/

specular reflection

/ˈspekjələ rɪˈfleksɪn/

Speed

/spiːd/

spring constant

/sprɪŋ ˈkɒnstənt/

step-down transformer

/step daʊn trænsˈfɔːmə/

step-up transformer

/step ʌp trænsˈfɔːmə/

sublimates

/ˈsʌblɪmeɪts/

supernova

/ˌsuːpəˈnəʊvə/

system

/ˈsɪstəm/

terminal velocity

/ˈtɜːmɪnəl vəˈlɒsɪti/

thermal conductivity

/ˈθɜːml kɒndəktɪvɪti/

English

Thermal insulation

/ˈθɜːml ˌɪnsjuːˈleɪʃn/

Thermistor

/ˈθɜːmɪstə/

transformer

/trænsˈfɔːmə/

transverse

/trænsˈvɜːs/

upthrust

/ˈʌpθrʌst/

Vaporisation

/ˌveɪpəraɪˈzeɪʃn/

vector

/ˈvektə/

Velocity

/vəˈlɒsɪti/

watt

/wɒt/

wavelength

/ˈweɪvləŋθ/

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/
