

AQA · GCSE · Physics

Glossary · every term in the course, A–Z

English

Acceleration

/ək,sələ'reɪʃn/

Activity

/æk'tɪvɪti/

alternating

/'ɔːltəneɪtɪŋ/

amplitude

/'æmplɪtjuːd/

background radiation

/'bækgraʊnd ,reɪdɪ'eɪʃn/

becquerel

/'bekwərəl/

centre of mass

/'sentə ɒv mæs/

charge

/tʃɑːdʒ/

circuit symbols

/'sɜːkɪt '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'fjuːz rɪ'flekʃn/

English

Diode

/'daɪəʊd/

direct

/daɪ'rekt/

Displacement

/dɪ'spleɪsmənt/

dissipated

/'dɪsɪpeɪtɪd/

Distance

/'dɪstəns/

drag

/dræg/

effectiveness

/'ɪfektɪvnes/

efficiency

/'ɪfɪjənsi/

Elastic

/'ɪləstɪk/

elastic potential energy

/'ɪləstɪk pə'tenʃl 'enədʒi/

Electric current

/'ɪlektrɪk 'kʌrənt/

electric field

/'ɪlektrɪk fiːld/

electromagnet

/'ɪlektərəʊ'mæɡnɪt/

energy

/'enədʒi/

energy stores

/'enədʒɪ stɔːz/

equilibrium

/'iːkwɪ'brɪəm/

extension

/ek'stɛnʃn/

Filament lamp

/'fɪləmənt læmp/

fission

/'fɪʃn/

fossil fuels

/'fɒsl 'fjuːəlz/

English
<div>free-body diagrams</div>
<div><div></div><div>/friːˈbɒdi ˈdaɪəɡræmz/</div></div>
<div>frequency</div>
<div><div></div><div>/ˈfriːkwənsi/</div></div>
<div>fusion</div>
<div><div></div><div>/ˈfjuːʒn/</div></div>
<div>Fusion</div>
<div><div></div><div>/ˈfjuːʒn/</div></div>
<div>gravitational field strength</div>
<div><div></div><div>/ˌɡrævɪˈteɪʃənəl fiːld streŋθ/</div></div>
<div>gravitational potential energy</div>
<div><div></div><div>/ˌɡrævɪˈteɪʃənəl pəˈtenʃl ˈenədʒi/</div></div>
<div>Half-life</div>
<div><div></div><div>/hɑːf laɪf/</div></div>
<div>heating</div>
<div><div></div><div>/ˈhiːtɪŋ/</div></div>
<div>in parallel</div>
<div><div></div><div>/ɪn ˈpærələl/</div></div>
<div>in series</div>
<div><div></div><div>/ɪn ˈsɪəriːz/</div></div>
<div>induced magnet</div>
<div><div></div><div>/ɪnˈdʒuːst ˈmæɡnɪt/</div></div>
<div>inelastic</div>
<div><div></div><div>/ɪnˈlæstɪk/</div></div>
<div>Inertia</div>
<div><div></div><div>/ɪˈnɜːʃə/</div></div>
<div>internal energy</div>
<div><div></div><div>/ɪnˈtɜːnl ˈenədʒi/</div></div>
<div>Irradiation</div>
<div><div></div><div>/ˌɪreɪdɪˈeɪʃn/</div></div>
<div>isotopes</div>
<div><div></div><div>/ˈaɪsətəʊps/</div></div>
<div>kinetic energy</div>
<div><div></div><div>/kɪˈnetɪk ˈenədʒi/</div></div>
<div>latent heat</div>
<div><div></div><div>/ˈleɪtənt hiːt/</div></div>
<div>LDR</div>
<div><div></div><div>/ˌel diː ˈɑː/</div></div>
<div>limit of proportionality</div>
<div><div></div><div>/ˈlɪmɪt ɒv prəˌpɔːʃəˈnælɪti/</div></div>

English
<div>longitudinal</div>
<div><div></div><div>/ˌlɒŋɡɪˈtʃuːdɪnl/</div></div>
<div>Lubrication</div>
<div><div></div><div>/ˌluːbrɪˈkeɪʃn/</div></div>
<div>magnetic field</div>
<div><div></div><div>/mæɡˈnetɪk fiːld/</div></div>
<div>magnetic flux density</div>
<div><div></div><div>/mæɡˈnetɪk flʌks ˈdensɪti/</div></div>
<div>moment</div>
<div><div></div><div>/ˈməʊmənt/</div></div>
<div>National Grid</div>
<div><div></div><div>/ˈnæʃənəl ɡrɪd/</div></div>
<div>nebula</div>
<div><div></div><div>/ˈnebjələ/</div></div>
<div>non-contact</div>
<div><div></div><div>/nɒn ˈkɒntækt/</div></div>
<div>non-renewable</div>
<div><div></div><div>/nɒn rɪˈnjuːəbl/</div></div>
<div>nuclear fuel</div>
<div><div></div><div>/ˈnjuːkliə ˈfjuːəl/</div></div>
<div>Ohmic conductor</div>
<div><div></div><div>/ˈəʊmɪk kənˈdʌktə/</div></div>
<div>period</div>
<div><div></div><div>/ˈpɪəriəd/</div></div>
<div>permanent magnet</div>
<div><div></div><div>/ˈpɜːmənənt ˈmæɡnɪt/</div></div>
<div>physical changes</div>
<div><div></div><div>/ˈfɪzɪkl ˈtʃeɪndʒɪz/</div></div>
<div>Physics Equations Sheet</div>
<div><div></div><div>/ˈfɪzɪks ɪˈkweɪʒnz ʃiːt/</div></div>
<div>poles</div>
<div><div></div><div>/pəʊlz/</div></div>
<div>potential difference</div>
<div><div></div><div>/pəˈtenʃl ˈdɪfrəns/</div></div>
<div>power</div>
<div><div></div><div>/ˈpaʊə/</div></div>
<div>powerful</div>
<div><div></div><div>/ˈpaʊəfl/</div></div>
<div>radioactive decay</div>
<div><div></div><div>/ˌreɪdɪəʊˈæktɪv dɪˈkeɪ/</div></div>

English
<div>rarefactions</div> <div>/ˌreəriˈfækʃnz/</div>
<div>red-shift</div> <div>/redˈʃift/</div>
<div>renewable</div> <div>/riˈnjuːəbl/</div>
<div>resistance</div> <div>/riˈzɪstəns/</div>
<div>resultant force</div> <div>/riˈzʌltənt fɔːs/</div>
<div>Sankey diagram</div> <div>/ˈsæŋki ˈdaɪəɡræm/</div>
<div>scalar</div> <div>/ˈskeɪlə/</div>
<div>solenoid</div> <div>/ˈsələnɔɪd/</div>
<div>specific heat capacity</div> <div>/spəˈsɪfɪk hiːt kəˈpæsɪti/</div>
<div>specific latent heat</div> <div>/spəˈsɪfɪk ˈleɪtənt hiːt/</div>
<div>specular reflection</div> <div>/ˈspɛkjʊlə riˈflɛkʃn/</div>
<div>Speed</div> <div>/spiːd/</div>
<div>spring constant</div> <div>/sprɪŋ ˈkɒnstənt/</div>
<div>step-down transformer</div> <div>/stɛp daʊn trænsˈfɔːmə/</div>
<div>step-up transformer</div> <div>/stɛp ʌp trænsˈfɔːmə/</div>
<div>sublimates</div> <div>/ˈsʌblɪmeɪts/</div>
<div>supernova</div> <div>/ˌsuːpəˈnəʊvə/</div>
<div>system</div> <div>/ˈsɪstəm/</div>
<div>terminal velocity</div> <div>/ˈtɜːmɪnl vəˈləsɪti/</div>
<div>thermal conductivity</div> <div>/ˈθɜːml kɒndəkˈtɪvɪti/</div>

English
<div>Thermal insulation</div> <div>/ˈθɜːml ˌɪnsjuːˈleɪʃn/</div>
<div>Thermistor</div> <div>/ˈθɜːmɪstə/</div>
<div>transformer</div> <div>/trænsˈfɔːmə/</div>
<div>transverse</div> <div>/trænsˈvɜːs/</div>
<div>upthrust</div> <div>/ˈʌpθrʌst/</div>
<div>Vapourisation</div> <div>/ˌveɪpəraɪˈzeɪʃn/</div>
<div>vector</div> <div>/ˈvɛktə/</div>
<div>Velocity</div> <div>/vəˈləsɪti/</div>
<div>watt</div> <div>/wɒt/</div>
<div>wavelength</div> <div>/ˈweɪvlɛŋθ/</div>
<div>weight</div> <div>/weɪt/</div>
<div>work done</div> <div>/wɜːk dʌn/</div>
<div>work done by forces</div> <div>/wɜːk dʌn baɪ ˈfɔːsɪz/</div>
<div>work done when a current flows</div> <div>/wɜːk dʌn wɛn ə ˈkʌrənt fləʊz/</div>