

Motion, forces and energy

IGCSE Physics · Vocabulary

Write each word 3 times.

English	Write it 3 times (English)		
 measurement /'meʒəmənt/	_____	_____	_____
 ruler /'ru:lə/	_____	_____	_____
 measuring cylinder /'meʒərɪŋ 'sɪlɪndə/	_____	_____	_____
 meniscus /'menɪskəs/	_____	_____	_____
 stopwatch /'stɒpwɒtʃ/	_____	_____	_____
 digital timer /'dɪdʒɪtl 'taɪmə/	_____	_____	_____
 reaction time /rɪ'ækʃn taɪm/	_____	_____	_____
 measure many and divide /'meʒə 'meni ænd dɪ'vaɪd/	_____	_____	_____
 pendulum /'pendjʊləm/	_____	_____	_____
 period /'pɪərɪəd/	_____	_____	_____
 uncertainty /ʌn'sɜ:tənti/	_____	_____	_____
 scalar quantity /'skeɪlə 'kwɒntɪti/	_____	_____	_____
 magnitude /'mæɡnɪtju:d/	_____	_____	_____
 vector quantity /'vektə 'kwɒntɪti/	_____	_____	_____
 mass /mæs/	_____	_____	_____

English

Write it 3 times (English)



energy

/ˈenədʒi/



temperature

/ˈtemprɪtʃə/



force

/fɔːs/



weight

/weɪt/



velocity

/vəˈlɒsɪti/



acceleration

/əkˌseləˈreɪʃn/



momentum

/məʊˈmentəm/



electric field
strength

/ɪˈlektrɪk fiːld streŋθ/



gravitational field
strength

/ˌgrævɪˈteɪʃənəl fiːld streŋθ/



resultant

/rɪˈzʌltənt/



motion

/ˈməʊʃn/



speed

/spiːd/



deceleration

/dɪˌseləˈreɪʃn/



distance-time
graph

/ˈdɪstəns taɪm græf/

-



at rest

/æt rest/



gradient

/ˈɡreɪdɪənt/



speed-time graph

/spiːd taɪm græf/

-

English**Write it 3 times** (English)



area under the
line

/ˈeəriə ˈʌndə ðə laɪn/



uniform

/ˈjuːnɪfɔːm/



acceleration of
free fall

/ək,selə'reɪʃn ɒv friː fɔːl/



air resistance

/eə ri'zɪstəns/



terminal velocity

/ˈtɜːmɪnəl və'lɒsɪti/



matter

/ˈmætə/



balance

/ˈbæləns/



density

/ˈdensɪti/



regular solid

/ˈregjʊlə 'sɒlɪd/



irregular solid

/ɪ'regjʊlə 'sɒlɪd/



displacement
method

/dɪ'spleɪsmənt 'meθəd/



floats

/fləʊts/



shape

/ʃeɪp/



extension

/ek'stɛnʃn/



load–extension
graph

/ləʊd ek'stɛnʃn græf/



limit of
proportionality

/ˈlɪmɪt ɒv prəˌpɔːʃə'nælɪti/

English**Write it 3 times** (English)

 spring constant

/sprɪŋ 'kɒnstənt/



resultant force

/rɪ'zʌltənt fɔːs/



circular motion

/'sɜːkjʊlə 'məʊʃn/



radius

/'reɪdiəs/



friction

/'frɪkʃn/



moment

/'məʊmənt/



pivot

/'pɪvət/

principle of
moments

/'prɪnsɪpl ɒv 'məʊmənts/



equilibrium

/ɪ'kwɪ'brɪəm/



centre of gravity

/'sentə ɒv 'grævɪti/



lamina

/'læmɪnə/



stability

/stə'bɪləti/



stable

/'steɪbl/



impulse

/'ɪmpʌls/

conservation of
momentum

/kɒnsə'veɪʃn ɒv

məʊ'mentəm/



stored

/stɔːd/



kinetic

/kɪ'netɪk/

English**Write it 3 times** (English)



gravitational
potential

/ˌɡrævɪ'teɪʃənəl pə'tenʃl/



chemical

/'kemɪkl/



elastic (strain)

/ɪ'læstɪk/



nuclear

/'njuːklɪə/



electrostatic

/ɪˌlektɹəʊ'stætɪk/



internal (thermal)

/ɪn'tɜːnl/



transferred

/træns'fɜːd/



principle of
conservation of
energy

/'prɪnsɪpl ɒv ˌkɒnsə'veɪʃn ɒv
'enədʒi/



Sankey diagram

/'sæŋki 'daɪəɡræm/



wasted

/'weɪstɪd/



work done

/wɜːk dʌn/



joule

/dʒuːl/



power

/'paʊə/



watt

/wɒt/



efficiency

/ɪ'fɪʃənsi/



renewability

/rɪˌnjuːə'bɪlɪti/

English**Write it 3 times** (English)



availability

/əˌveɪlə'bɪlɪti/



reliability

/rɪˌlaɪə'bɪlɪti/



scale

/skeɪl/

environmental
impact

/enˌvaɪrən'mentl 'ɪmpækt/



nuclear fusion

/'njuːklɪə 'fjuːʒn/



pressure

/'preʃə/



pascal

/'pæskl/



depth

/depθ/
