

Space physics

IGCSE Physics · Vocabulary

Write each word 3 times.

English	Write it 3 times (English)		
 rotate /rəʊ'teɪt/	_____	_____	_____
 axis /'æksɪs/	_____	_____	_____
 tilted /'tɪltɪd/	_____	_____	_____
 Sun /sʌn/	_____	_____	_____
 orbit /'ɔːbɪt/	_____	_____	_____
 seasons /'siːznz/	_____	_____	_____
 Moon /muːn/	_____	_____	_____
 phases /'feɪzɪz/	_____	_____	_____
 circumference /sɜː'kʌmfrəns/	_____	_____	_____
 orbital speed /'ɔːbɪtl spiːd/	_____	_____	_____
 period /'piəriəd/	_____	_____	_____
 Solar System /'səʊlə 'sɪstəm/	_____	_____	_____
 planet /'plænt/	_____	_____	_____
 rocky /'rɒki/	_____	_____	_____
 gaseous /'geɪsiəs/	_____	_____	_____

English

Write it 3 times (English)



gas

/gæs/



gas giant

/gæs 'dʒaɪənt/



ice giant

/aɪs 'dʒaɪənt/



dwarf planet

/dwɔːf 'plænit/



asteroid

/'æstərɔɪd/



satellite

/'sætəlait/



comet

/'kɒmɪt/



gravity

/'grævɪti/



gravitational field
strength

/,grævɪ'teɪʃənl fiːld streŋθ/



ellipse

/'lɪps/



conservation of
energy

/,kɒnsə'veɪʃn ɒv 'enədʒi/



energy

/'enədʒi/



gravitational
potential energy

/,grævɪ'teɪʃənl pə'tenʃl

'enədʒi/



kinetic energy

/kɪ'netɪk 'enədʒi/



dust

/dʌst/



element

/'elɪmənt/

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

**accretion**

/ə'kreɪʃn/

**accretion disc**

/ə'kreɪʃn dɪsk/

**star**

/stɑː/

**hydrogen**

/'haɪdrədʒn/

**helium**

/'hiːliəm/

**ultraviolet**

/ˌʊltrə'vaɪələɪt/

**electromagnetic
spectrum**

/ɪˌlektərəmæg'netɪk

'spektrəm/

**nuclear reaction**

/'njuːklɪə rɪ'ækʃn/

**nuclear fusion**

/'njuːklɪə 'fjuːʒn/

**galaxy**

/'gæləksi/

**Milky Way**

/'mɪlki weɪ/

**light-year**

/laɪt jɪə/

**diameter**

/daɪ'æmɪtə/

**Universe**

/'juːnɪvɜːs/

**interstellar cloud**

/ˌɪntə'stelə klaʊd/

**protostar**

/'prəʊtəʊstɑː/

**stable**

/'steɪbl/

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



fuel

/'fjuːəl/



red giant

/red 'dʒaɪənt/



nebula

/'nebjələ/



white dwarf

/waɪt dwoːf/



red supergiant

/red 'suːpədʒaɪənt/



supernova

/ˌsuːpə'nəʊvə/



neutron star

/'njuːtrɒn stɑː/



black hole

/blæk həʊl/



receding

/rɪ'siːdɪŋ/



wavelength

/'weɪvlɛŋθ/



redshift

/'redʃɪft/



expanding

/ek'spændɪŋ/



Big Bang

/bɪg bæŋ/



microwave

/'maɪkrəʊweɪv/



radiation

/ˌreɪdɪ'eɪʃn/

cosmic microwave
background
radiation

/'kɒzmɪk 'maɪkrəʊweɪv

'bækgraʊnd ˌreɪdɪ'eɪʃn/

Hubble constant

/ˈhʌbl ˈkɒnstənt/
