

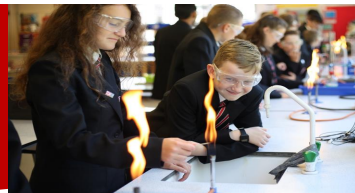
THE  
KING ALFRED  
SCHOOL  
*An Academy*



# KS3 Vocabulary Curriculum

*'The limits of my language are the  
limits of my universe'*

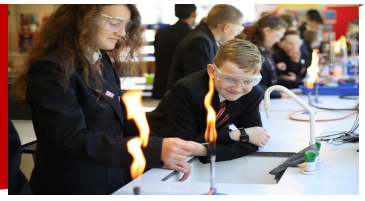
Goethe



During KS3 we learn key mathematical vocabulary that ranges from subject specific words such as numerator, to words which are used more commonly but have a specific mathematical meaning, for example, constant.

## Year 7 Vocabulary List

acute	improper fraction	quadrilateral
approximate	increase	range
arithmetic	input	reflex
ascending	integer	recurring decimal
coefficient	interior	regular
compound interest	interval	right angle
congruent	inverse	sequence
constant	irregular	simple interest rule
decimal	linear	simplify
decrease	loss	substitute
denominator	mean	sum
depreciate	median	term
descending	mixed number fraction	variable
difference	mode	Venn diagram
digit	multiplier	
directed number	multiply	
divide	negative	
equation	non-linear	
equivalent	numerator	
estimate	obtuse	
evaluate	output	
expression	parallel	
exterior	percent	
Fibonacci	percentage	
formula	perpendicular	
fraction	place value	
function	polygon	
geometric	position	
	probability	
	profit	

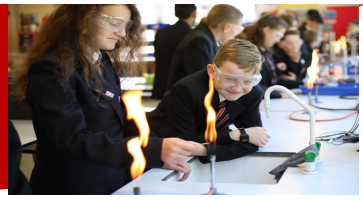


## Year 8 Vocabulary List

area	frequency	range
axis	horizontal	rearrange
bar chart	identity	relationship
brackets	index	scatter graph
compound shape	inequality	share
continuous data	mean	simplify
coordinates	median	solve
correlation	mode	speed
discrete data	net	standard form
distance	perimeter	surface area
edges	pictogram	term
elevation	plan	time
equation	prism	vertex
expand	proportion	vertical
expression	quantitative data	volume
faces	quantity	

## Year 9 Vocabulary List

acute angle	improper fraction	quotient
axis	index	range
co-ordinate	integer	rational
cube	irrational	reflex angle
cube root	isosceles triangle	right angle
decimal place	mean	sequence
denominator	median	simplify
equation	mixed number	solve
equilateral triangle	mode	square
error interval	multiple	square root
estimate	numerator	substitute
expand	obtuse angle	sum
expression	origin	surd
factor	parallel lines	truncate
factorise	perpendicular	variable
frequency	polygon	vertical
gradient	prime factor	
horizontal	product	
hypotenuse	quadratic	



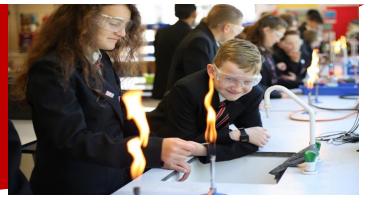
During KS3, we explore the literary world around us: past, present and future. We examine this world through the two overriding emotions of love and hate, and along the way lay the foundations for being expert readers and writers of poetry, prose, drama and non-fiction.

## Year 7 Vocabulary List

alliteration	Final Solution	plot
anecdote	flashback	power of three
annotation	flattery	prejudice
Anti-Semitism	foreshadowing	pun
audience	Holocaust	repetition
Auschwitz	hyperbole	rhetorical question
character	imagery	rhythm
colloquial language	imperative	rhyme
Commandant	metaphor	semantic field
direct address	modal verb	Shakespeare
emotive language	naïve	simile
enjambment	onomatopoeia	stage directions
exaggeration	personification	stanza
extermination camp	playwright	theatre

## Year 8 Vocabulary List

anaphora	epistrophe	rhyming couplet
aside	foreshadowing	soliloquy
atmosphere	free verse	sonnet
caesura	genre	stanza
connotation	juxtaposition	structure
contrast	narrative voice	tension
deception	oxymoron	utopia
dramatic irony	pace	volta
dystopia	parenthesis	
Elizabethan	plot	
enjambment	protagonist	

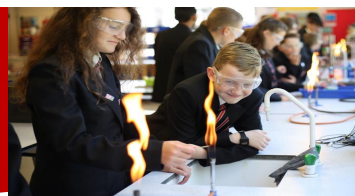


## Year 9 Vocabulary List

allegorical  
 alliteration  
 anaphora  
 aside  
 aspirational  
 caesura  
 catharsis  
 colloquial  
 conflict  
 connotation  
 corruption  
 couplet  
 culture  
 dispossessed  
 dramatic irony  
 enjambment  
 epic  
 exploit  
 extended metaphor  
 foreboding  
 foreshadowing

form  
 fricative sounds  
 graphic imagery  
 Great Depression  
 hamartia  
 hierarchy  
 hubris  
 iambic pentameter  
 internal conflict  
 invocation  
 isolated  
 juxtaposition  
 lynching  
 meter  
 migrant  
 moral  
 Muse  
 oppression  
 oxymoron  
 pathos  
 patriarchy

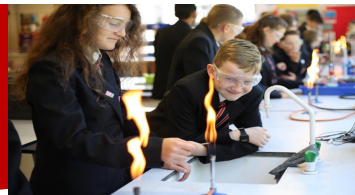
patriotism  
 personification  
 plosive sounds  
 predatory  
 quatrain  
 racism  
 segregation  
 sibilance  
 soliloquy  
 stanza  
 symbolism  
 theme  
 tone  
 tragedy  
 tragic hero  
 tyrannical  
 volta



During KS3, students experience a science curriculum not just in terms of the knowledge of a body of facts and theories, but as a progression towards the understanding of key ideas or concepts. We develop our students' understanding of the scientific approach to enquiry and promote the use of scientific reasoning and higher-level thinking, so that they can use specialist vocabulary to question and argue rationally confidently and are better prepared for KS4.

## Year 7 Vocabulary List

<b>abiotic</b>	<b>fertilisation</b>	<b>photosynthesis</b>
<b>adaptation</b>	<b>foetus</b>	<b>predator</b>
<b>alloy</b>	<b>food chain</b>	<b>prey</b>
<b>ammeter</b>	<b>gamete</b>	<b>producer</b>
<b>atomic number</b>	<b>gestation</b>	<b>proton</b>
<b>bacteria</b>	<b>gland</b>	<b>puberty</b>
<b>battery</b>	<b>hormone</b>	<b>quadrat</b>
<b>biodiversity</b>	<b>insulator</b>	<b>reactivity</b>
<b>biotic</b>	<b>internal energy</b>	<b>resistance</b>
<b>brittle</b>	<b>kinetic energy</b>	<b>ribosomes</b>
<b>cell</b>	<b>microscope</b>	<b>species</b>
<b>chlorophyll</b>	<b>malleable</b>	<b>starch</b>
<b>chloroplast</b>	<b>mass</b>	<b>temperature</b>
<b>compound</b>	<b>menstrual cycle</b>	<b>thermal equilibrium</b>
<b>conduction</b>	<b>metal</b>	<b>tissue</b>
<b>conductor</b>	<b>mitochondria</b>	<b>unicellular</b>
<b>current</b>	<b>mixture</b>	<b>vacuole</b>
<b>cytoplasm</b>	<b>multicellular</b>	<b>voltage</b>
<b>ductile</b>	<b>neutron</b>	<b>voltmeter</b>
<b>efficiency</b>	<b>nucleus</b>	
<b>electron</b>	<b>parallel circuit</b>	
<b>element</b>	<b>parasite</b>	
<b>embryo</b>	<b>periodic table</b>	

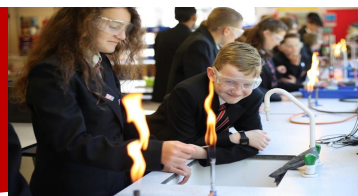


## Year 8 Vocabulary List

acceleration  
 acid  
 adaptation  
 aerobic  
 respiration  
 air resistance  
 alkali  
 amplitude  
 anaerobic  
 respiration  
 anomaly  
 antibiotic  
 artery  
 base  
 biodegradable  
 braking distance  
 bronchiolitis  
 carbohydrate  
 cholesterol  
 chromosome  
 cilia  
 combustion  
 compression  
 conservation  
 coronary artery  
 crest  
 crumple zone  
 deficiency  
 distance-time graph  
 DNA  
 domain  
 drag  
 echo

electromagnet  
 endangered  
 evolution  
 exhale  
 exothermic  
 extinction  
 frequency  
 gene  
 generator  
 genetic fingerprinting  
 gradient  
 gravity  
 hazard  
 hypothesis  
 incident wave  
 indicator  
 ligament  
 longitudinal  
 magnetic field  
 magnetic  
 material  
 motor  
 natural selection  
 neutralisation  
 nicotine  
 nurture  
 oscilloscope  
 pathogen  
 pitch  
 platelet  
 product  
 rarefaction  
 reactant

reactivity series  
 reflex arc  
 relative formula  
 mass  
 renewable energy  
 selective breeding  
 species  
 speed of light  
 stopping distance  
 superpose  
 tendon  
 thinking distance  
 titration  
 trachea  
 transverse  
 trough  
 velocity  
 weight



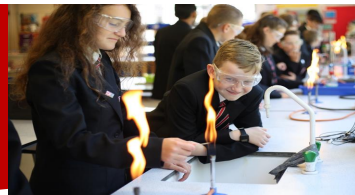
## Year 9 Vocabulary List

alkali metals  
alveoli  
amino acids  
amylase  
aorta  
aphid  
aqueous  
artery atom  
atria  
Avogadro constant  
bacteria  
bile  
biofuel  
capillaries  
carbohydrates  
carbon neutral  
catalysts  
cellulose  
chemical energy  
chlorophyll  
chromatography  
chromosome  
cloning  
compounds  
concentrated  
conduction  
coronary artery  
covalent bonding  
crystallisation  
cytoplasm  
delocalised electrons  
denature  
differentiation  
diffusion  
digestive system  
dilute  
displacement  
dissipation  
distillation  
efficiency  
electrons  
element  
embryonic stem cell enzymes

epidermal  
eukaryotic cells  
evaporation  
fatty acids  
filtration  
fossil fuel  
fractional distillation  
friction  
fullerenes  
gene  
geothermal energy  
glycerol  
graphene  
graphite  
guard cells  
haemoglobin  
hydroelectric  
hypertonic  
hypotonic  
insulation  
ion  
isotonic  
isotope  
kinetic energy  
lipid  
liquid  
metabolism  
mitochondria  
mitosis  
mole  
neutron  
nuclear fuel  
nucleus  
organ  
organelle  
osmosis  
pacemaker  
palisade  
mesophyll  
permanent  
vacuole  
phloem  
photosynthesis

plasma  
plasmolysis  
platelets  
polymers  
protein  
proton  
pulmonary  
reactants  
reactivity  
red blood cell  
renewable energy  
ribosomes  
sperm cell  
spongy mesophyll  
satins  
stem cell  
stent  
therapeutic cloning  
thermal  
tidal power  
tissue  
translocation  
transpiration  
turgor  
veins  
vena cava  
ventilated  
ventricles  
white blood cell  
xylem  
zygote





During KS3, we explore the history of our country and its interaction over time with others, through the process of historical enquiry. We challenge the provenance of information, evaluate interpretations and establish a rich chronological framework, laying the foundations for being the very best historians.

## Year 7 Vocabulary List

Act of Union 1707  
annulment  
baron  
Bill of Rights  
Black Death  
Catholic  
cause  
cavalier  
cavalry  
chronology  
civil war  
consequence  
continuity  
deposed  
dissolution

Divine Right of Kings  
excommunication  
execute  
Glastonbury Abbey  
indulgences  
infantry  
interpretation  
knight  
Magna Carta  
monarch  
New Model Army  
noble  
Norman  
parliament  
Poor Law

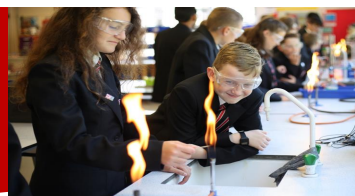
primary source  
Protestant  
puritan  
reformation  
Republic  
Roundhead  
Saxon  
ship money  
significance  
tactics  
tax  
The Pope  
treason  
tyrant

## Year 8 Vocabulary List

Abberline  
abolitionist  
act  
alliances  
anti-Semitism  
census  
cholera  
colony  
conscription  
council  
docks  
East India Company  
empire  
Great Powers  
immigrant  
Imperialism  
Industrial Revolution  
industrialisation  
interpretation  
Jack the Ripper

Kaiser  
Lipski  
Marxist  
merchant  
Metropolitan Police  
middle passage  
militarism  
mill  
mobilise  
munitions  
nationalism  
No Man's Land  
patriotism  
pauper  
pogrom  
poverty  
privy  
propaganda  
prostitute  
Queen Victoria

slave  
slum  
Socialist  
terraced  
textiles  
The Balkans  
The Five  
The Star  
total war  
trade  
trade union  
trench  
triangular trade  
Tsar  
tuberculosis  
typhus  
urban  
Western Front  
Whitechapel  
workhouse



## Year 9 Vocabulary List

<b>Abberline</b>	<b>haemophilia</b>	<b>revolution</b>
<b>abdication</b>	<b>heir</b>	<b>Rolling Thunder</b>
<b>amendment</b>	<b>hijack</b>	<b>segregation</b>
<b>anti-Semitism</b>	<b>hunger strike</b>	<b>slum</b>
<b>assassinate</b>	<b>immigrant</b>	<b>state</b>
<b>assassination</b>	<b>interpretation</b>	<b>suffrage</b>
<b>autocrat</b>	<b>Jack the Ripper</b>	<b>Suffragette</b>
<b>Bolsheviks</b>	<b>Lipski</b>	<b>Suffragist</b>
<b>booby traps</b>	<b>Marxist</b>	<b>Taliban</b>
<b>boycott</b>	<b>media</b>	<b>terrorist</b>
<b>Cat and Mouse Act</b>	<b>Metropolitan Police</b>	<b>The Five</b>
<b>census</b>	<b>militancy</b>	<b>The Star</b>
<b>civil rights</b>	<b>Mujahidin</b>	<b>tsar</b>
<b>Civil Rights Act</b>	<b>My Lai massacre</b>	<b>tsarina</b>
<b>Cold War</b>	<b>napalm</b>	<b>Twin Towers</b>
<b>Communism</b>	<b>Petrograd Soviet</b>	<b>Viet Cong</b>
<b>congress</b>	<b>pogrom</b>	<b>White House</b>
<b>constitution</b>	<b>poverty</b>	<b>Whitechapel</b>
<b>coup d'état</b>	<b>President</b>	<b>Winter Palace</b>
<b>democracy</b>	<b>prostitute</b>	
<b>duma</b>	<b>Provisional</b>	
<b>Fundamentalist</b>	<b>Government</b>	
<b>guerrilla warfare</b>	<b>Queen Victoria</b>	



Through KS3 geography we develop students' understanding of the human and physical worlds and how they are interrelated. Through studying themes such as extreme environments, natural hazards and development along with places at different scales including Somerset, the UK, Africa and Asia, our students develop powerful geographical knowledge for their future lives.

## Year 7 Vocabulary List

adaptation	geology	plastic pollution
ageing population	global scale	primary sector
air mass	habitat	quaternary sector
arid	hemisphere	rain shadow
atmosphere	human geography	raw materials
biome	humid	relief rainfall
climate	industrialisation	resistant rocks
climate change	industry	river
coast	landscape	secondary sector
deforestation	latitude	sedimentary rock
deindustrialisation	local scale	temperate
deposition	location	tertiary sector
ecosystem	longitude	transportation
employment	longshore drift	urban area
employment structure	migration	urbanisation
environmental	national scale	weather
erosion	physical geography	weathering
food web	physical process	



## Year 8 Vocabulary List

absolute poverty

aid

atmosphere

colonisation

conservative boundary

constructive boundary

continent

continental crust

core

country

desert

desertification

destructive boundary

development

development indicator

diverse

drought

earthquake

extreme poverty

famine

flood

gender inequality

hazard

high income country

(HIC)

human development

index (HDI)

imperialist

income

interdependence

intermediate

technology

latitude

life expectancy

lithosphere

location

longitude

low income country

(LIC)

mantle

mega city

migration

misconception

natural resource

newly emerging

economy (NEE)

non-governmental

organisation (NGO)

oceanic crust

physical landscape

planning

plate boundary

plates

population

population density

poverty prediction

preparation

quality of life

rainforest

relative poverty

Savannah

single story

slums

soil erosion

sustainable

development goals

(SDGs)

trade

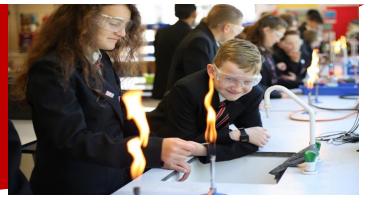
tropical storm

urbanisation

volcano

vulnerability

wilderness

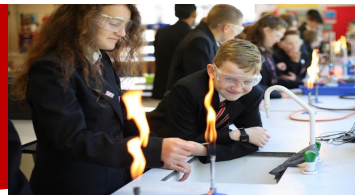


## Year 9 Vocabulary List

absolute poverty  
 air pollution  
 arch  
 backwash  
 beach  
 brownfield site  
 bus rapid transit (BRT)  
 cave  
 cliff retreat  
 coast  
 constructive wave  
 cross profile  
 cultural mix  
 deposition  
 derelict  
 destructive wave  
 drainage basin  
 dysentery  
 economic opportunities  
 erosion  
 flood  
 flood hydrograph

greenfield site  
 hard engineering  
 hydrological cycle  
 inequality  
 integrated transport system  
 international migration  
 location  
 long profile  
 longshore drift  
 low income country (LIC)  
 malaria  
 meander  
 megacity  
 mouth  
 national migration  
 natural increase  
 regeneration  
 resource  
 river  
 rural-urban fringe  
 rural urban migration  
 sanitation  
 services  
 social opportunities

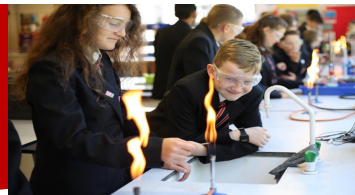
soft engineering  
 source  
 spit  
 stack  
 swash  
 traffic congestion  
 transportation  
 urban area  
 urban deprivation  
 urban greening  
 urban sprawl  
 waterfall  
 waves  
 weathering



During KS3, we explore the six major world religions. We gain an understanding of the religious beliefs and practices of the different faiths and explore human and animal rights. We examine legislation around these topics in order to formulate our own opinions. KS3 Religious Studies lays the foundations for being respectful and tolerant citizens who understand and respect the beliefs and opinions of others whilst being able to formulate their own opinions using lateral and critical thinking.

## Year 7 Vocabulary List

Abraham	heaven	prophet
Allah	Hebrew	purgatory
Anglican	Holy Spirit	Qur'an
Apostles	humanist	rabbi
Arabic	Islam	resurrection
atheist	Israelite	Sabbath
baptism	Jesus	Salah
Bible	Kippah	Sawm
communion	kosher	Shahadah
covenant	Last Supper	Siddhartha Gautama
crucified	miracles	stewards
denomination	Mitzvot	synagogue
ethics	monotheistic	The Five Pillars
Eucharist	mosque	Torah
factory farming	Muhammad	trinity
free will	Muslims	Ur
gospels	Nanak	vegetarianism
Hajj	orthodox	Zakah
Havdalah	progressive	

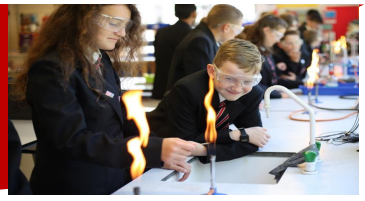


## Year 8 Vocabulary List

Aum	Kanga	Melas
bhajan	Kara	Moksha
Brahman	karma	murti
Buddha	Kesh	near-death experience
compassion	Khalsa	nirvana
darshan	Kirpan	pacifism
Dharma	kirtan	prasad
Diwali	Ik Onkar	puja
festival	Kachla	purgatory
Five Ks	Kanga	Ramayana
garbha griha	Kara	reincarnation
ghost	karma	Sacred Thread
Golden Temple	Kesh	samsara
Gurdwara	Khalsa	samskara
guru	Kirpan	shruti
havan	kirtan	smriti
heaven	mala	the afterlife
hell	mandala	The Guru Grand Sahib
Holi	mandir	Trimuti
humanist	mantra	Vedas
Ik Onkar	meditate	
Kachla	meeri-peeri	

## Year 9 Vocabulary List

abortion	first cause argument	Problem of Evil
agnostic	forgiveness	pro-choice
analogy	gender equality	pro-life
atheist	genesis	racism
Big Bang Theory	genetic modification	Sanctity of Life
capital punishment	human rights	soul
design argument	omnibenevolent	The Civil Rights Movement
discrimination	omnipotent	The inconsistent triad
Ethics	Philosophy	The Just War Theory
euthanasia	Plato's Cave	The realm of the Forms
evolution	prime mover	war
Feminism	Principle of Unit	



During KS3, students will study a range of topics that will help to understand themselves and the world around them. Topics include Study Skills, Health & Wellbeing, Friends & Family, British Identity, and Careers.

## Year 7 Vocabulary List

anonymity	eye contact	oestrogen
balanced diet	hacking	phishing
bravery	handshake	progesterone
communication	interview	puberty
contract	job description	responsibility
curiosity	kindness	scam
curriculum vitae (cv)	menstrual cycle	self-reliance
cyberbullying	mental health	sexting
exercise	mindfulness	teamwork
		testosterone

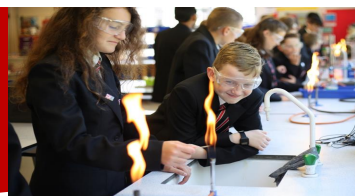
## Year 8 Vocabulary List

alcohol	negative	responsibility
apprenticeship	relationships	smoking
bullying	nicotine	stereotypes
degree	online relationship	stimulant
depressant	peer pressure	university
drug	prejudice	vaping
higher education	prison	vocational qualification
law	punishment	
legalisation	relationships	

## Year 9 Vocabulary List

anxiety	employability	republic
Brexit	European Union	responsibilities
career	extremism	rights
civil law	government	sovereignty
Commonwealth	immigration	stress
criminal law	monarchy	terrorism
democracy	parliament	wellbeing
depression	qualifications	





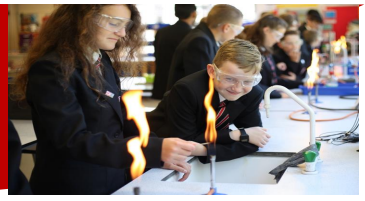
At KS3 we place musicianship at the heart of all lessons. Students explore a range of instruments before choosing one to specialise on, whilst studying theory of music in line with graded music exams as well as exploring compositional techniques. Students will become confident, competent musicians who are able to develop their musical talents both in and out of the classroom.

## Year 7 Vocabulary List

<b>allegro</b>	<b>key signature</b>	<b>quaver</b>
<b>andante</b>	<b>legato</b>	<b>rhythm</b>
<b>articulation</b>	<b>marcato</b>	<b>ritenuto</b>
<b>crescendo</b>	<b>meter</b>	<b>scale</b>
<b>crotchet</b>	<b>mezzo forte</b>	<b>Semibreve</b>
<b>cycle of fifths</b>	<b>mezzo piano</b>	<b>slur</b>
<b>diminuendo</b>	<b>minim</b>	<b>staccato</b>
<b>dotted minim</b>	<b>moderato</b>	<b>tempo</b>
<b>dynamics</b>	<b>ostinato</b>	<b>tonic triad</b>
<b>forte</b>	<b>pianissimo</b>	
<b>fortissimo</b>	<b>piano</b>	
<b>interval</b>	<b>pitch</b>	

## Year 8 Vocabulary List

<b>adagio</b>	<b>interval</b>	<b>rhythm</b>
<b>allegretto</b>	<b>inversions</b>	<b>scale</b>
<b>articulation</b>	<b>key signature</b>	<b>semiquaver</b>
<b>broken chords</b>	<b>ledger lines</b>	<b>sequence</b>
<b>chords</b>	<b>meter</b>	<b>tempo</b>
<b>crotchet</b>	<b>molto</b>	<b>tenuto</b>
<b>cycle of fifths</b>	<b>motif</b>	<b>tied notes</b>
<b>dotted crotchet</b>	<b>octave</b>	<b>time signature</b>
<b>dynamics</b>	<b>pitch</b>	<b>transposing</b>
<b>fermata</b>	<b>phrase mark</b>	<b>tonic triad</b>
<b>grazioso</b>	<b>quaver</b>	



## Year 9 Vocabulary List

**accidentals**

**adagio**

**allegretto**

**allegro**

**andante**

**articulation**

**bass clef**

**crescendo**

**crotchet**

**cycle of fifths**

**diminuendo**

**dotted crotchet**

**dotted minim**

**dynamics**

**fermata**

**forte**

**fortissimo**

**grazioso**

**interval**

**ledger lines**

**legato**

**marcato**

**meter**

**mezzo forte**

**mezzo piano**

**minim**

**moderato**

**molto**

**motif**

**octave**

**ostinato**

**pitch**

**rhythm**

**ritenuto**

**semibreve**

**semiquaver**

**sequence**

**slur**

**staccato**

**stave**

**tempo**

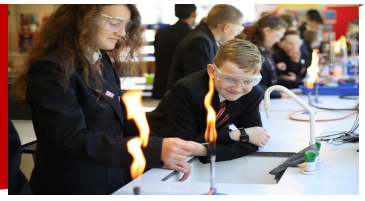
**tenuto**

**tied notes**

**time signature**

**transposing**

**vivace**



In KS3 Drama, language and literacy is developed and enhanced through the use of role play, in particular, pupils are able to experience different modes, genres and styles of language and literacy used in specific circumstances and in general. Text based activity is patently a useful tool and allows engagement with the written word through script, poetry, articles, newspaper, and prose. Students turn the written word into creative pieces of theatre, adding a practical element to literacy.

## Year 7 Vocabulary List

Artaud  
atmosphere  
audience  
blocking  
body language  
characterisation  
choral speech  
climax  
corpsing  
crescendo  
facial expression  
gesture

improvisation  
mime  
monologue  
movement  
muscle memory  
performance  
physical theatre  
position  
posture  
proximity  
rehearsal  
sequence

Shakespeare  
sightlines  
stance  
surrealism  
suspense  
tableau  
tableaux  
tension  
theatre  
thought track

## Year 8 Vocabulary List

analyse  
atmosphere  
audience  
breaking the fourth wall  
Brecht  
chair duet  
characterisation  
choral speech  
comedy  
conscience corridor  
devising  
drama medium  
dynamics  
emotion  
ensemble

evaluate  
farce  
flashback  
frantic assembly  
gestus  
Grotowski  
improvisation  
justify  
levels  
monologue  
motif  
muscle memory  
narration  
pace  
placards

position  
practitioner  
proxemics  
realism  
rehearsal  
satire  
scene  
sequence  
split scene  
Stanislavski  
stereotype  
stylistic  
tableaux  
technique  
thought track



## Year 9 Vocabulary List

**blocking**  
**breaking the fourth wall**  
**Brecht**  
**chair duet**  
**characterisation**  
**choral speech**  
**conscience corridor**  
**devising**  
**emotion**  
**ensemble**  
**flashback**  
**frantic assembly**  
**gestus**

**Grotowski**  
**hot seating**  
**levels**  
**monologue**  
**narration**  
**performance**  
**placards**  
**plot**  
**practitioner**  
**proxemics**  
**realism**  
**rehearsal**  
**scene**  
**sightlines**

**spatial**  
**Stanislavski**  
**status**  
**stylistic**  
**subtext**  
**tension**  
**thought track**



During KS3, we design and make a wide range of projects and produce a variety of delicious foods. We explore various ingredients and materials and their properties. We focus on healthy eating for a healthy life and many other important life skills.

## Year 7 Vocabulary List

adjective  
agro-textiles  
boiling  
bridge hold  
brittle  
butt joint  
calico  
claw grip  
comb joint  
construction textiles  
control  
cotton  
denim  
domestic textiles

durability  
elasticity  
electrical  
conductivity  
evaluation  
felt  
ferrous  
geotextiles  
hardness  
hazard  
hygiene  
insulator  
lap joint  
plasticity

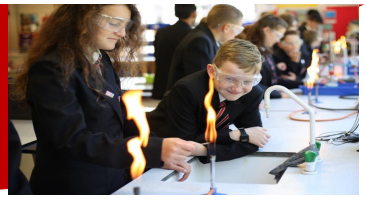
polyester  
protective textiles  
safety  
simmering  
sport textiles  
thermal conductivity  
thermoplastics  
thermosetting  
toughness  
wool

## Year 8 Vocabulary List

acrylic  
allergen  
allergy  
aluminium  
ball pein hammer  
bevel  
chisel  
carbohydrate  
cast iron  
centre punch  
corrosion resistance  
counter sink  
deficiency  
density  
dovetail joint  
dowel joint  
ductility  
electrical conductivity  
excess

fibre  
file  
flat bit  
functions  
hacksaw  
hardness  
insulator  
intolerance  
malleability  
mallet  
marking gauge  
metal vice  
mild steel  
mitre box  
mitre joint  
mitre square  
nesting  
nutrient  
palm sander

power drill  
resistor  
scriber  
sheet metal nibbler  
sources  
stability  
starch  
steel rule  
stiffness  
sugar  
tessellation  
thermal conductivity  
thermoplastic  
tin snips  
toughness  
transistor  
twist drill  
vegetarian  
warping  
zinc

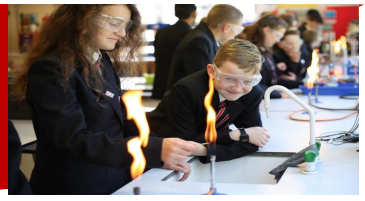


## Year 9 Vocabulary List

acrylic  
 aesthetics  
 alloys  
 ash  
 auger  
 balsa  
 biodegradable polymers  
 birch  
 brass  
 buffer machine  
 carbon fibre reinforced plastic  
 carbon footprint  
 centre lathe  
 centre punch  
 composite  
 compression strength  
 concrete  
 consumer  
 copper  
 corrosion resistant  
 cross pein hammer  
 designer  
 dowel  
 ductility  
 durability  
 electrical conductivity  
 engineer's square  
 environment

food security  
 forstner bit  
 fortifying  
 glass reinforced  
 plastic  
 gluten  
 hacksaw  
 halving joint  
 hardness  
 high speed steel  
 hole saw  
 homogenised  
 housing joint  
 HSS drill bit  
 kneading  
 larch  
 malleable  
 manufacturer  
 metal vice  
 mortise and tenon  
 mortise chisel  
 mortise gauge  
 odd leg callipers  
 pasteurised  
 plywood  
 polyester resin  
 primary processing  
 proving

pure metals  
 rasp  
 reinforced polymers  
 robotic materials  
 sash clamp  
 scriber  
 secondary processing  
 shear  
 smoothing plane  
 stainless steel  
 tensile strength  
 tension  
 thermal conductivity  
 tin snips  
 toughness  
 traceability  
 urea formaldehyde  
 yeast



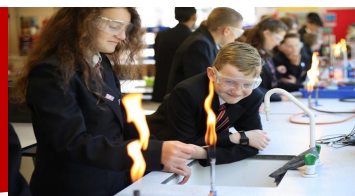
During KS3, we explore the fundamental movements needed within all sports. Thus, learning about the importance of these basic and essential skills in order to transfer these across the range of sports we cover and use them to improve on technique and performance. Ultimately, we want to begin to embed a life-long love for sports participation.

## Year 7 Vocabulary List

aeroplane	elements	long jump
aesthetically pleasing	extension	machine weights
assist	fartlek	movement
attacker	flick	overhead pass
backhand	forehand	push
bounce pass	forms	resistance
cardiovascular	free kick	scrum
centre	goal attack	see-saw
chest pass	goal defence	shot put
circuit	goal keeper	throw-in
continuous	goal shooter	tower of power
corner kick	interval	volley
counter balance	javelin	windmill
defender	line out	wing defence
dribble	locomotion	

## Year 8 Vocabulary List

aesthetically pleasing	fartlek	power
agility	flexibility	push
backhand	forehand	resistance
balance	forms	ruck scrum
batting	forwards	shot put
cardiovascular	goalkeeper	speed
circuit	javelin	stance
continuous	locomotion	static
counter balance	long jump	
defender	maul	
dribble	midfield	
dynamic	movement	
elements	overhead pass	
extension	plyometric	



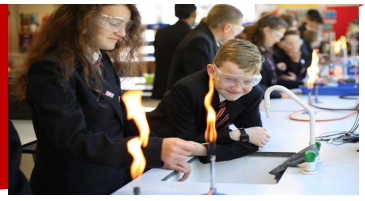
**Year 9 Vocabulary List**

**advantage**  
**agility**  
**alignment**  
**artistry**  
**attacker**  
**back spin**  
**balance**  
**batting**  
**block tackling**  
**bowling**  
**canon**  
**cardiovascular**  
**centre**  
**choreography**  
**continuous**  
**contrast**  
**co-ordination**  
**deuce**  
**double fault**  
**dribble**  
**dynamic**  
**elevation**  
**fartlek**  
**flexibility**

**foot fault**  
**forwards**  
**free hit**  
**free kick**  
**free weights**  
**fullbacks**  
**goal**  
**groundstroke**  
**Indian dribbling**  
**interval**  
**jab tackling**  
**javelin**  
**kinaesthetic**  
**long corner**  
**long jump**  
**machine weights**  
**motif**  
**muscular**  
**endurance**  
**musicality**  
**penalty corner**  
**penalty try**  
**phrase**  
**point guard**

**power**  
**reaction time**  
**reverse stick**  
**shooting guard**  
**shot put**  
**smash**  
**speed**  
**stimulus**  
**strength**  
**sweeper**  
**top spin**  
**transition**  
**try**  
**unison**  
**wicket**  
**winger**





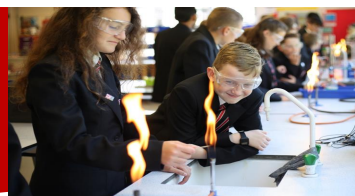
During KS3 we learn about why we need computers, how to use the internet and how to stay safe online. We investigate the ethical and legal issues around computing and explore how computers work. We learn to write code using a range of programming tools including Kodu, Scratch and Python and we use a variety of iMedia and digital graphic software.

## Year 7 Vocabulary List

actions	Kodu	software
algorithm	memory	sprite
behaviours	microbit	spyware
Boolean	motherboard	standalone computer
character	network	storage device
client	output devices	string
cyberbullying	password	terrain
data types	path	trojan
debug	point of view	username
graphics card	properties	variable
hacker	real number	virus
hardware	search engine	web browser
input device	server	
Integer	sexting	

## Year 8 Vocabulary List

assets	flow chart	router
backdrop library	forever	scratch
bitmap	green flag	scripts
blocks	hide	sensing block
broadcast	internet	social media
cache	internet censorship	sound library
computer surveillance	legal issues	spam
control block	looks block	sprite
costume	motion block	stage
cultural issues	operations block	stakeholders
debugging	operators	topology
DNS server	paint editor	trolling
duplicate	pen	variable
environmental issues	pixel	vector
ethical issues	properties	
execute	protocols	

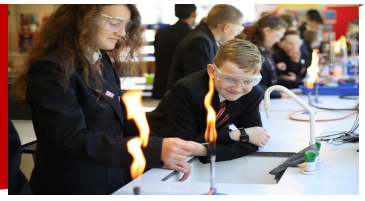


## Year 9 Vocabulary List

abstraction  
 algorithm  
 anti-malware software  
 assets  
 authentication  
 binary data  
 bit  
 bitmap  
 blocks  
 broadcast  
 byte  
 cloud storage  
 comments  
 compression  
 control block  
 cookies  
 copyright  
 data type  
 database  
 digital footprint  
 duplicate  
 embedded system  
 encryption  
 execute  
 file

file formats  
 flowchart  
 forever  
 green flag  
 hacker  
 hide  
 hyperlink  
 image editing  
 software  
 input  
 intellectual  
 property  
 IP address  
 iteration  
 lossless  
 compression  
 lossy compression  
 milestone  
 mood board  
 networks  
 operators  
 output  
 pre-production  
 properties  
 pseudocode

Python  
 scratch  
 scripts  
 selection  
 sequence  
 software  
 sprite  
 stage  
 story board  
 string  
 syntax  
 test data  
 testing  
 timescale  
 trademark  
 validation  
 vector



Throughout the KS3 art curriculum students will gain an understanding of the formal elements of art. Students will enhance their artistic ability through discovery, exploration and experimentation of 2D, 3D, printing, photography and mixed media techniques.

## Year 7 Vocabulary List

ancestry	landscape	primary colours
clay	line	repeated
cold colours	lithography	score
colour	mark making	secondary colours
colour wheel	mezzotints	slip
complimentary colours	mouthpiece	tertiary colours
composition	ocarina	tessellate
continuous	optical illusions	texture
form	pattern	tone
harmonious colours	pinch pot	warm colours
infinity	Post-Impressionist	woven

## Year 8 Vocabulary List

biological control	illustrator	printmaking
collagraph	line	proportion
colour	mixed media	relief
composition	monoprint	Sgraffito
decomposers	pollination	watercolour
form	portraiture	

## Year 9 Vocabulary List

airbrush	exposure	photography
aperture	focus	sculpture
biomechanical	glaze	shutter speed
biscuit	historical	throwing
bisque	kiln	underexposed
burnishing	leather hard	viewfinder
ceramics	maquette	visual
cultural	mechanical	wedging
depth of field	overexposed	