

Spelling and Vocabulary Workbook

Year 8



You must know how to spell the following words and you must know the meaning of each word within the context of the subject

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Biology Key vocabulary	antagonistic, ligament, tendons, bone marrow, carbohydrates, enzymes, lipids, benedict's solution, iodine, biuret solution, starch, obesity, deficiency, ethanol	mutations, allele, DNA, double helix, variation, inheritance, species, chromosome, genes, hereditary, reproduction, offspring, adenine, thymine, guanine, cytosine, punnet squares	Charles Darwin, inheritance, competition, natural selection, fossils, extinction, producer, consumer, autotrophs, heterotrophs,	alveoli, trachea, bronchi, bronchiole, cardiovascular disease, hallucinogens, depressants, stimulants, legal high, vaccination, immunity, antibodies, antigens, phagocytes, lymphocytes, inoculation, injection.	stomata, gas exchange, guard cells, chlorophyll, chloroplasts, glucose, concentration gradient, active transport, diffusion, photosynthesis, iodine,	atmosphere, ozone layer, radiation, composition, carbon dioxide, oxygen, nitrogen, methane, climate change, temperature, greenhouse effect, photosynthesis, population, human activity
Chemistry Key vocabulary	acid, alkali, base, neutralisation, conservation of mass, atoms, molecules, compounds, mixtures, indicator	thermal decomposition, displacement, reactivity, oxidation, reduction, atoms.	solid, liquid, gas, particles, motion, structure, density, diffusion, gas pressure, melting, freezing, sublimation, condensation, sedimentation, evaporation/boiling	hydrochloric acid, sulphuric acid, nitric acid, chloride, sulphate, nitrate, element, compound, symbol, reactant, product.	Mendeleev, proton, neutron, electron, atomic mass, mass number, group, period,	acid, alkali, base, electrolysis, smelting, ore, oxide, properties, reactivity.
Dance Key vocabulary	physical, technical, stamina, posture, alignment, agility, core strength, joint mobility, control, precision	formation, question & answer, unison, canon, freeze frame	stimulus, choreographic process, brainstorm, explore, motif & development, structure	obstacle, momentum, under, over, around and through, agility, trust, control, spatial awareness	stimulus, choreographic process, brainstorm, explore, motif & development, structure, kinaesthetic, jump, turn, travel, gesture, stillness	celebratory, rhythm & timing, low-high levels, cultural, formation
Design Tech Key vocabulary	cad/cam, rasp, files, glass paper, laser cutter, 2d design, coping saw, tenon saw. gears, cams, lever, linkages.	embroidery, thread, sewing machine, isometric, design, yenka, soldering, assembly.	cotton, silk, wool, polyester, nylon, elastane, Kevlar, thermochromic pigment, heat resistant fabrics, tessellation.	conduction, convention, radiation, cross contamination, standard components, protein	danger zone, binary fission, bacteria, vegetarianism	allergy, intolerance, gluten, raising agent, yeast, packaging, traffic light labelling, sensory analysis, environment
Drama Key vocabulary	Space/Levels Presentation rules Characterisation Plot Duologue Group work Physical - Body Language, Facial	Space/Levels Presentation rules Characterisation Plot Duologue Group work Physical - Body Language, Facial	Duologue Physical Theatre Characterisation Physical skills: Body language, Facial expression, posture, movement	Group devising skills Physical Theatre Characterisation Physical skills: Body language, Facial expression, posture, movement	Space/Levels Presentation rules Characterisation Plot Duologue Group work Physical - Body Language, Facial	Space/Levels Presentation rules Characterisation Plot Duologue Group work Physical - Body Language, Facial

	Expressions, Movement Gesture, Action, Posture Voice – Tone, Pitch, Pace, Pause, Volume Atmosphere and setting Proxemics Narrative and Structure Critical and reflective writing Rehearsing for performance	Expressions, Movement Gesture, Action, Posture Voice – Tone, Pitch, Pace, Pause, Volume Atmosphere and setting Proxemics Narrative and structure Critical and reflective writing Exploring text	Vocal skills: pitch, tone, volume, pace, emphasis Responding to text Narrative Mood/Atmosphere Naturalistic Acting Use of music/sound to enhance creativity of piece Use of design to enhance meaning Levels Slow motion Themes Thought-tracking Given Circumstances Climax Rehearsing for performance	Vocal skills: pitch, tone, volume, pace Responding to text Narrative Mood/Atmosphere Naturalistic Acting Use of music/sound to enhance creativity of piece Use of design to enhance meaning Pace Proxemics Ensemble Exploring text	Expressions, Movement Gesture, Action, Posture Voice – Tone, Pitch, Pace, Pause, Volume Atmosphere and setting Proxemics Narrative and structure Critical and reflective writing Exploring text Devising interpretations Rehearsing for performance Learning lines Characterisation	Expressions, Movement Gesture, Action, Posture Voice – Tone, Pitch, Pace, Pause, Volume Atmosphere and setting Proxemics Narrative and structure Critical and reflective writing Exploring text Devising interpretations Rehearsing for performance Learning lines Characterisation Responding in role Narration
English Key vocabulary	form, structure, language, text, play, stanza, imagery, lexical field, playwright, narrative, couplet, rhyming couplet, simile, character, stage directions, rhyme, metaphor, describe, monologue, rhyme scheme, personification, dialogue, verse, extended metaphor, iambic pentameter	form, open, closed, sonnet, iambic pentameter, rhyming couplet, rhyme, rhyme scheme, rhythm, meter, internal rhyme, juxtaposition, caesura, enjambement, repetition, foregrounding, simile, metaphor, personification, extended metaphor, imagery, allusion, lexical field, oxymoron, alliteration, sibilance, assonance, onomatopoeia	prose, fiction, novel, first-person, third- person, narrator, narrative, plot, form, structure, foregrounding, foreshadowing, dynamic character, static character, juxtaposition, chronology, flashback, flashforward, rising action, climax, falling action, simile, metaphor, personification, extended metaphor, imagery, allusion, lexical field, oxymoron,	As term 3 (double term unit)	purpose, audience, non- fiction, persuade, first- person, third-person, juxtaposition, chronology , form, structure, foregrounding, foreshadowing, rhetoric, antithesis, anaphora	prose, fiction, novel, first-person, third- person, narrator, narrative, plot, form, structure, foregrounding, foreshadowing, dynamic character, static character, juxtaposition, chronology, flashback, flashforward, rising action, climax, falling action, simile, metaphor, personification, extended metaphor, imagery, allusion, lexical field, oxymoron
French Key vocabulary	- Types of TV programmes - Types of music - Types of films - Types of books - Give opinions	- Sports (winter, summer) - It hurts - I can, I can't - I would like - Body parts	- Words for food and drink - You must, You must not, You should, You should not - Opinions on food	- Range of words for jobs (journalist, director, photographer, vet, chef, doctor, etc..) - Personalities, qualities needed for job (creative,	- House, semi-detached house, farm, flat - Town, village, mountain, suburbs, by the sea - There is, There isn't	- Words for countries and nationalities - Words for transport (bus, plane, car, coach, train, boat, bike, etc...)

	<ul style="list-style-type: none"> - Likes, dislikes (j'aime, j'adore, je n'aime pas, je déteste) - Key verbs: to watch, to listen to, to read, to make (me feel, do), to take place, to spend (time). 	<ul style="list-style-type: none"> - Depuis: since, for - Time phrases - Jouer, Faire - Key verbs: to play, to do, to be able to, to hurt. 	<ul style="list-style-type: none"> - I eat, drink <u>some</u> - Quantity: more, less, too much, enough - Key verbs: to eat, to drink, to take, to have, to sleep, to do, to play, to work. 	<ul style="list-style-type: none"> patient, caring, brave, etc...) - I was, I would be, I had, I would have, I wanted, I would like, I preferred, I would prefer - Quand – when - Key verbs: to work, to want, to prefer, to dream of, to create, to give, to build, to buy, to organise. 	<ul style="list-style-type: none"> - You can, You can't - Activities to do in town - Do you want...? - I want to, I don't want to - Days of the week - Key verbs: to live, to go, to watch, to do, to play, to be able to, to want, to meet, to eat. 	<ul style="list-style-type: none"> - Opinions on transport (expensive, cheap, fast, slow, comfortable, practical, etc...) - Weather - Holiday accommodation - Holiday places - Perfect tense - Time phrases - Holiday items - Future tense Key verbs: to travel, to stay, to visit, to go, to leave, to take, to buy, to find, to eat, to drink, to sleep.
<p>Geography</p> <p>Key vocabulary</p>	tsunami, tropical storm, cyclone, hurricane, typhoon, mitigation, storm surge, windshear, responses, climate change, global warming, greenhouse effect	development, development indicators, literacy, GNI, GDP, LIC, NEE, HIC, megacity, physical factors, historical factors, colonies, landlocked, infrastructure,	erosion, hydraulic action, abrasion, attrition, solution, transportation, long shore drift, deposition, cave, arch, stack, stump, headland, bay, spit, bar, tombolo, beach, coastal management	push factor, pull factor, forced migration, voluntary migration, economic migration, host country, source country, migrant, refugee, asylum seeker, immigrant, immigration, emigration	hydraulic action, abrasion, attrition, solution, transportation, saltation, solution, suspension, traction, bedload, meander, river cliff, slip off slope, oxbow lake, waterfall, gorge, interlocking spurs, channel bed, long profile, cross-sectional profile, upper course, middle course, lower course, hydrograph	development, LIC, NEE, HIC, infrastructure, economy, informal sector, crime, sanitation, community, sustainability, favela, shanty town, slum, squatter settlement, overcrowding, disease
<p>History</p> <p>Key vocabulary</p>	power, excommunication, monarch, succession, poll tax, work service, feudal system, revolt, martyr, liberty	power, excommunication, monarch, succession, poll tax, work service, feudal system, revolt, martyr, liberty	livery, power, protest, barons, rebellion, reformation, protestant, heir, catholic, martyr, armada	livery, power, protest, barons, rebellion, reformation, protestant, heir, catholic, martyr, armada	divine right, pike men, cavaliers, parliamentarians, royalists, New Model Army, Lord Protector	sexism, inferior, election, hunger strike, arson, cat and mouse act, force fed, munitions, recruitment, home front. equal, franchise, reform, militant, martyr

Maths Key vocabulary	Fraction, Integer, Improper Fraction, Mixed Number, Equivalent, Probability, Frequency, Equal, Unlikely, Venn Diagram	Percentage, Decimal, Convert, Compare, Greater Than, Less Than, Increase, Decrease, Original amount, Value	Algebra, Expression, Equation, Formula, Identity, Substitute, Factorise, Expand, Simplify, Collect like terms	Area, perimeter, units, compound, radius, diameter, mean, median, mode, range	Face, Edge, Vertex, Volume, Surface Area, Plan, Elevation, Bisector, Congruent, Bearing	Ratio, Unitary, Proportion, Inverse Proportion, Multiplier, Exchange Rate, Compound Units, Density, Mass, Volume
Maths (HPA) Key vocabulary	Balance, Gradient, Parallel, Perpendicular, Simultaneous equations, y intercept, solve, eliminate, substitute	Compound interest, simple interest, reverse percentages, multiplier, increase, decrease, quantity, exponential	Transformation, enlargement, reflection, rotation, translation, scale factor, vector, clockwise, anticlockwise, centre, origin	Formulae, rearrange, identity, expression, equation, sequence, nth term, difference, linear, quadratic	Pythagoras, Trigonometry, Sine, Cosine, Tangent, Hypotenuse, Opposite, Adjacent, Surd form, Perpendicular	Histogram, frequency density, cumulative frequency, box plot, interquartile range, compare, distribution, outlier
Music Key vocabulary	Pitch, Tempo, Texture, Instrumentation, Dynamics, Syncopation, Improvisation	Pitch, Tempo, Texture, Instrumentation, Dynamics, Syncopation, Improvisation	Dynamics, Tempo, Chord, Bassline, Melody, Rhythm, Texture	Dynamics, Tempo, Chord, Bassline, Melody, Rhythm, Texture	Rhythm, Tempo, Dynamics, Texture, Structure, Leitmotif, Ascending, Descending, Mood	Rhythm, Tempo, Dynamics, Texture, Structure, Leitmotif, Ascending, Descending, Mood
PE Key vocabulary	skill, techniques, tactics, perform, apply, communicate, describe, commitment, intensity, coordination, confidence, link, control, combine, advanced, rules, motivate, officiate, role, outwit, analyse, retain, regain, pass, receive, space, attack, defence, tactics and formation etc.	skill, techniques, tactics, perform, apply, communicate, describe, commitment, intensity, coordination, confidence, link, control, combine, advanced, rules, motivate, officiate, role, outwit, analyse, forehand, backhand, serve, let etc.	skill, techniques, tactics, perform, apply, communicate, describe, commitment, intensity, coordination, confidence, link, control, combine, advanced, rules, motivate, officiate, role, outwit, analyse, team, discuss, roles, leader, listen, hold, belay map navigate etc.	skill, techniques, tactics, perform, apply, communicate, describe, commitment, intensity, coordination, confidence, link, control, combine, advanced, rules, motivate, officiate, role, outwit, analyse, and judge. activity specific e.g body tension, roll, turn, twist, support, aesthetic, sequence etc.	skill, techniques, tactics, perform, apply, communicate, describe, commitment, intensity, coordination, confidence, link, control, combine, advanced, rules, motivate, officiate, role, outwit, analyse, specific for each event eg. sprint start, acceleration, pace, speed, push, pull, twist, explosive, measure, time etc.	skill, techniques, tactics, perform, apply, communicate, describe, commitment, intensity, coordination, confidence, link, control, combine, advanced, rules, motivate, officiate, role, outwit, analyse, hit, strike, bowl, throw – underarm, overarm, running and fielding, strike, base, cover, wicket, run, score, no ball etc.
Physics Key vocabulary	Joule, Watt, power, moment, pivot, lever, calorie, effort, load, displacement	transverse, longitudinal, superposition, reflection, refraction, convex, incidence, normal, diffraction, ultrasound	potential difference, voltage, voltmeter, ohm, resistor, conductor, insulator	field, electromagnet, motor, charge	gravity, weight, mass, light-year, galaxy, star, hemisphere, solar system	velocity, displacement, stationary, accelerating, pressure, air resistance, up thrust, floating, sinking
PSHE	ambition, aspiration, goal, reflect, career,	drug, alcohol, peer pressure, dependence,	resilience, activating event, beliefs,	alcohol, addiction, dependence, units,	association, bandwagon, bribery,	relationship, influences, attraction,

Key vocabulary	quality & skill, qualification, plan, strategy, timeline, community, lifestyle	addiction, habit, social, physical	consequences, evidence, alternative, perspective, aggressive, assertive, passive	risks, vulnerable, consequences, peer pressure	celebrities, everyday people, experts, explicit claims, fear, humour	infatuation, maturity, values
<u>Religious Education</u> Key vocabulary	moral evil, natural evil, suffering, Dukkha, Buddhism, Siddhartha, Wheel of Life, Lotus, Rebirth, Reincarnation, Enlightenment, Past life, Bodhi tree, Mara	Dharma, Four Noble Truths, Eightfold Path, Middle Way, Anicca, Anatta, Dukkha, mindfulness, livelihood, self	inspirational, suffragettes, nun, sister, dedication, Calcutta, missionaries of charity, Nirmal Hriday, cholera, leprosy, diphtheria, typhoid, Jesus, servanthood, compassion, loving, forgiving, selfless, passion, patience, self-control, kindness	racism, segregation, discrimination, Jim Crow laws, legislation, Martin Luther King JR, Rosa Parks, rights, christianity, faith, negro, hate, boycott, protest, KKK, equality, lynching, minister, pastor, Malcom X, passion, compassion, obituary	philosophy, philosophies, belief, argument, real, true, empiricism, knowledge, evidence, logic, theoretical, criteria, concept, proof, probability, collaborative evidence, reasonable doubt, allegory, Plato's cave, symbolism	philosophy, philosophies, nihilist, materialist, hedonist, existentialist, humanist, religious, reality, belief, perception, freewill, determinism, god, omnipresent, omniscient, omnipotent, omni- benevolent, problem of evil, destiny, predestination, illusion
<u>Visual Art</u> Key vocabulary	hybrid, juxtaposition, form, blend, texture, form, morph, colour, shape, tonal range. Surreal.	Surrealism, context, analysis, brush control, composition, layering, texture, colour theory, blend, tone, form.	Surrealism, context, analysis, brush control, composition, layering, texture, colour theory, blend, tone, form, mixed media.	All previous key terms.	depth, perspective, architecture, blue prints, culture, purpose, form, sculpture.	depth, perspective, architecture, blue prints, culture, purpose, form, sculpture.