

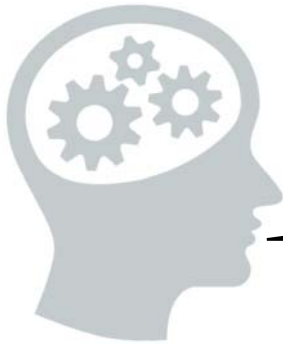
Building Your Child's Vocabulary



Key words for:

- ✓ each subject
- ✓ each topic





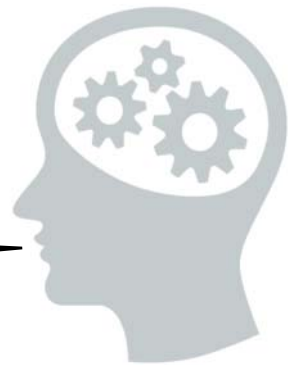
What's the point?

Building their vocabulary gives your child:

- ✓ better access to their lessons
- ✓ greater confidence with language (speaking, reading and writing)
- ✓ increased chances of exam success
- ✓ an enhanced ability to interact with a wider variety of people and texts!

Studies have ranked 'Communication skills' as the second most desirable/essential attribute sought by employers:

- Number of job adverts it appears in: 68,064
- Average salary adverts requiring the skill: £31,923



How does it work?

Guidance for students:

- ✓ In addition to your homework you should learn these words during each term
- ✓ Towards the end of each term (your teacher will tell you when) you may be tested on your ability to spell these words and your ability to use them correctly within sentences
- ✓ You will certainly need to know these words for end of unit assessments/tests
- ✓ We'd encourage you to **LOOK** (at the word), **COVER** (the word with your hand), **WRITE** (the word) and **CHECK** (that you've spelt it correctly)
- ✓ Alternatively, you could adopt the **PRACTISE › PRACTISE › PRACTISE › PERFECT!** method
- ✓ Displaying words on illustrated mind-maps or using flashcards to help you revise will help
- ✓ Finally, try to use new words within your spoken language – this will help you to embed them



Guidance for parents/carers:

- ✓ Discussion is key: try to share in the learning of new vocabulary
- ✓ Ideally, students should be provided with a quiet space in which to work
- ✓ Provision of a vocabulary notebook would be great
- ✓ If you want to test your child, read each word aloud and then put it in a sentence for them to provide context (they then write the word)

Thanks for your support!

Learning Area: Communications

Subject: English

Year Group: 7



Term	Topic	Focus	Key Vocabulary
1	Innocence and Experience	Core Text: Skellig or Millions	✓ innocence ✓ experience ✓ presentation ✓ transformation ✓ isolated ✓ families ✓ derelict ✓ theme ✓ wilderness ✓ curious/curiosity
2		Poetry and Non-Fiction	✓ simile ✓ metaphor ✓ personification ✓ imagery ✓ empathy ✓ happiness ✓ fluorescent ✓ resilience ✓ imagination ✓ autobiography
3	Caught in Conflict	Core Text: The Boy in the Striped Pyjamas or Private Peaceful	✓ prejudice ✓ futility ✓ discrimination ✓ violent ✓ oblivious ✓ naivety ✓ conflict ✓ contrast ✓ comparison ✓ Holocaust
4		Poetry and Non-Fiction	✓ perspective ✓ sincerely ✓ faithfully ✓ formal ✓ informal ✓ expression ✓ distraught ✓ furious ✓ communicate ✓ disappointed
5	All the World's a Stage	Core Text: Twelfth Night or Much Ado About Nothing	✓ prologue ✓ scene ✓ directions ✓ monologue ✓ interpretation ✓ exploration ✓ concealment ✓ illusion ✓ insulting ✓ villain
6		Poetry and Non-Fiction/Media	✓ emotional ✓ separate ✓ wellbeing ✓ balanced ✓ publically ✓ privately ✓ undermine ✓ confidence ✓ effect (noun) ✓ affect (verb)

Learning Area: Communications

Subject: English

Year Group: 8



Term	Topic	Focus	Key Vocabulary
1	A Sense of Place	Core Text: Trash or Refugee Boy	✓ refugee ✓ asylum ✓ immigration ✓ emigration ✓ persecution ✓ narrative ✓ impoverished ✓ ghettoised ✓ excluded ✓ marginalised
2		Poetry and Non-Fiction	✓ culture ✓ dialect ✓ rhyme ✓ rhythm ✓ sensory ✓ onomatopoeia ✓ evoke ✓ provoke ✓ aggressive ✓ possession
3	Visions of the Future	Core Text: Ray Bradbury Short Story Collection	✓ dystopia ✓ pedestrian ✓ monstrous ✓ futuristic ✓ annihilate ✓ visionary ✓ prescient ✓ conformity ✓ technology ✓ machinery
4		Poetry and Non-Fiction/Media	✓ diegetic ✓ mise-en-scene ✓ editing ✓ analyse ✓ cinematography ✓ director ✓ genre ✓ conventional ✓ atmospheric ✓ audience
5	United We Stand	Core Text: Animal Farm or Stone Cold	✓ inequality ✓ tension ✓ suspense ✓ allegory ✓ political ✓ persuasive ✓ society ✓ representative ✓ tendency ✓ characteristic
6		Poetry and Non-Fiction	✓ government ✓ environment ✓ juxtaposition ✓ scavengers ✓ homelessness ✓ difference ✓ similarities ✓ uniformity ✓ physical ✓ symbolises

Learning Area: Communications

Subject: English

Year Group: 9



Term	Topic	Focus	Key Vocabulary
1	Tragedy	Poetry and Non-Fiction: Describing War	✓ plosive ✓ alliteration ✓ caesura ✓ repetition ✓ propaganda ✓ sacrifice ✓ devotion ✓ realisation ✓ traumatised ✓ desensitise
2		Core Text: Romeo and Juliet	✓ tragedy ✓ protagonist ✓ antagonist ✓ catalyst ✓ feud ✓ Shakespeare ✓ mercurial ✓ capricious ✓ exaggerate ✓ necessary
3	Voices	Core Text: The Withered Arm (Thomas Hardy)	✓ possessed ✓ witchcraft ✓ hearsay ✓ pariah ✓ rural ✓ enigmatic ✓ conjurer ✓ afflicted ✓ incubus ✓ spectral
4		Poetry and Non-Fiction	✓ persona ✓ authentic ✓ naturalistic ✓ parenthesis ✓ omniscient ✓ circumstances ✓ appearance ✓ motivation ✓ idiolect ✓ idiosyncrasy
5	America: Dreams and Realities	Core Text: Of Mice and Men	✓ vulnerable ✓ dependent ✓ itinerant ✓ pugnacious ✓ destiny ✓ disenfranchised ✓ derogatory ✓ pejorative ✓ depression ✓ dilemma
6		Poetry and Non-Fiction: Justice and the Death Penalty	✓ persecution ✓ sentence ✓ punishment ✓ racial ✓ occurring ✓ legislation ✓ tendency ✓ receive ✓ argument ✓ punitive

Learning Area: Communications

Subject: English

Year Group: 10



Term	Topic	Key Vocabulary		
1	Drama Text for English Literature Paper 2: Blood Brothers or An Inspector Calls	Both ✓ stage directions ✓ dramatic irony ✓ social class ✓ microcosm ✓ climax ✓ imperative ✓ declarative ✓ interrogative ✓ exclamatory!	An Inspector Calls ✓ socialist ✓ capitalist ✓ infantilisation ✓ polemic ✓ supercilious ✓ false-philanthropy ✓ whodunit ✓ Bildungsroman ✓ morality-play ✓ responsibility	Blood Brothers ✓ superstition ✓ fate ✓ nature ✓ nurture ✓ expletives ✓ accent (Liverpudlian) ✓ dialect (scouse) ✓ standard English ✓ musical
2	Poetry (anthology): Themes of Love, Place, Childhood and Time	✓ Romantics ✓ stanza ✓ sonnet ✓ autobiographical ✓ ode ✓ free verse ✓ elegy/elegiac ✓ reflective/nostalgic ✓ evocative ✓ symbolic/symbolises ✓ metaphysical ✓ personification		
3	English Language: Narrative writing	✓ genre ✓ tone (always put an adjective before this word to describe the type of tone that's used, e.g. sarcastic) ✓ adjective/noun/verb/adverb ✓ hyperbole/superlative ✓ perspective (of the author/narrator) – first ('I'), second ('you') or third person/omniscient ('they', 'she', 'he') ✓ dialogue ✓ imply/infer ✓ semantic field ✓ associate (e.g. the reader may associate X with...)		
4	Speaking and Listening	✓ register ✓ audience ✓ direct mode of address ✓ cadence ✓ non-verbal communication (NVC) ✓ rebuttal ✓ questioning		
5	Jekyll and Hyde	✓ duality ✓ reputation (the Victorian Gentleman) ✓ allegory ✓ Gothic horror ✓ troglodytic ✓ juggernaut ✓ oxymoronic ✓ status quo ✓ Darwinian ✓ Freudian		
6	Completion of J&H and revision of other units	See previous		

Learning Area: Communications

Subject: English

Year Group: 11



Term	Topic	Key Vocabulary
1	Macbeth	<div><ul style="list-style-type: none">✓ aggressive✓ motif✓ iambic pentameter✓ conscience✓ juxtaposition✓ regicide✓ kingship✓ prophecy✓ psychological✓ supernatural</div> <div>Grade 8/9 Extension Vocab:<ul style="list-style-type: none">✓ catalyst✓ soliloquy✓ malevolent✓ malignant</div>
2	Conflict Poetry (anthology)	<ul style="list-style-type: none">✓ plosives✓ sibilance✓ onomatopoeia✓ imagery✓ caesura✓ enjambment✓ rhythm✓ imagery (always put an adjective before this word to describe the type of image that's created)✓ jingoistic
3	English Language – Paper 1 (Fiction)	<ul style="list-style-type: none">✓ genre✓ tone (always put an adjective before this word to describe the type of tone that's used, e.g. sarcastic)✓ adjective/noun/verb/adverb✓ hyperbole/superlative✓ perspective (of the author/narrator) – first ('I'), second ('you') or third person/omniscient ('they', 'she', 'he')✓ dialogue✓ imply/infer✓ semantic field✓ associate (e.g. the reader may associate X with...)
4	English Language – Paper 2 (Non-fiction) Features of <u>persuasive</u> texts	<div><ul style="list-style-type: none">✓ Facts✓ Anecdote✓ Simile✓ Triples✓ Emotive language✓ Rhetorical Questions✓ Command (imperative)✓ Alliteration✓ Repetition✓ Statistics</div> <div>Grade 8/9 Extension Vocab:<ul style="list-style-type: none">✓ parenthesis✓ syntactic parallelism✓ parataxis✓ abstract and concrete nouns</div>
5	Revision of all topics and texts	See previous terms

Learning Area: Creatives

Subject: Art

Year Group: 7



Term	Topic	Key Vocabulary
1	Clay sculpture – Flowers	<ol style="list-style-type: none">1. Ceramic2. Granite rock3. Acid rain4. Slab5. Imprinting
2	Clay sculpture – Flowers	<ol style="list-style-type: none">1. Seed head2. Observation3. Proportion4. Shading5. Texture
3	Print – Tools	<ol style="list-style-type: none">1. Paper pick-up2. Template3. Cutting4. Sticking5. Burnish
4	Print – Tools	<ol style="list-style-type: none">1. Metallic2. Materials3. Jim Dine4. Representation5. Structure
5	Paint – Biscuits/cake	<ol style="list-style-type: none">1. Mark making2. Cross hatching3. Scale4. Detail5. Drawing
6	Paint – Biscuits/cake	<ol style="list-style-type: none">1. Watercolour2. Mixing3. Matching4. Outline5. Wash

Learning Area: Creatives

Subject: Art

Year Group: 8



Term	Topic	Key Vocabulary
1	Mesh sculpture – Flowers	<ol style="list-style-type: none">1. Sculpture2. Mesh3. Cutting4. Template5. Representation
2	Mesh sculpture – Flowers	<ol style="list-style-type: none">1. Tonal2. Linear3. Cross hatching4. Textural5. Preparation
3	Paint – Juan Miro	<ol style="list-style-type: none">1. Inspiration2. Surrealist3. Style4. Symbols5. Flattened
4	Paint – Juan Miro	<ol style="list-style-type: none">1. Acrylic2. Mixing3. Blend4. Vibrant5. Composition
5	Print – Lino print fish heads/tails	<ol style="list-style-type: none">1. Linoleum2. Hessian3. Compressed cork4. Bench hook5. Cutting
6	Print – Lino print fish heads/tails	<ol style="list-style-type: none">1. Patterned2. Reservoir3. Mackerel4. Sardines5. Repeat

Learning Area: Creatives

Subject: Art

Year Group: 9



Term	Topic	Key Vocabulary
1	Wire sculpture – Flowers	<ol style="list-style-type: none">1. Sculptural2. Sculptor3. Twist4. Secure5. Resemble
2	Wire sculpture – Flowers	<ol style="list-style-type: none">1. Scale2. Fluid3. Flowing4. Recreate5. Detailed
3	Paint – textured cultural portrait	<ol style="list-style-type: none">1. Julian Schnabel2. Neo-expressionist3. Tactile4. Collage5. Portrait
4	Paint – textured cultural portrait	<ol style="list-style-type: none">1. Accurate2. Matching3. Frottage4. Photographic5. Compose
5	Mono print – food	<ol style="list-style-type: none">1. Rolling2. Layering3. Unique4. Impression5. Reveal
6	Mono print – food	<ol style="list-style-type: none">1. Mixed media2. Embellish3. Spontaneity4. Impression5. Transfer

Learning Area: Creatives

Subject: Drama

Year Group: 7



Term	Topic	Key Vocabulary
1	Drama is Serious Fun!	<ul style="list-style-type: none">✓ still image✓ mime✓ gesture✓ improvisation✓ levels✓ thought-tracking
2	A Midsummer Night's Dream	<ul style="list-style-type: none">✓ mechanicals✓ soundscape✓ choral speaking✓ physicalisation✓ plot✓ blocking
3	Evacuees	<ul style="list-style-type: none">✓ facial expressions✓ slow motion✓ atmosphere✓ hot-seating✓ split-scene✓ narration✓ contrasts✓ empathy✓ cross-cutting
4	Storytelling and Physical Theatre	<ul style="list-style-type: none">✓ non-naturalistic✓ movement sequence✓ physical theatre✓ stimulus✓ creating✓ performing✓ evaluating
5	Oldfield Manor	<ul style="list-style-type: none">✓ semiotics✓ lighting✓ sound effects✓ set design✓ costume✓ atmosphere✓ audience✓ interpretation
6	Ernie's Incredible Illucinations	<ul style="list-style-type: none">✓ proxemics✓ blocking✓ script✓ interpretation✓ devising

Learning Area: Creatives

Subject: Drama

Year Group: 8



Term	Topic	Key Vocabulary
1	Melodrama and Silent Film	<ul style="list-style-type: none">✓ genre✓ duologues✓ melodrama✓ stock characters✓ characterisation✓ non-verbal
2	Shakespeare (Tempest/ Twelfth Night/ Macbeth)	<ul style="list-style-type: none">✓ script✓ stage directions✓ blocking✓ proxemics✓ characterisation✓ voice: pitch, pace, pause and tone.
3	Stolen Lives	<ul style="list-style-type: none">✓ stimulus✓ propaganda✓ thought-tracking✓ narrative✓ hot-seating✓ Brecht✓ juxtaposition
4	Blood Brothers	<ul style="list-style-type: none">✓ narrator✓ non-naturalistic✓ movement sequence✓ interpretation✓ non-verbal communication✓ characterisation
5	Greek Theatre	<ul style="list-style-type: none">✓ staging✓ messenger✓ protagonist✓ three unities✓ physicality✓ chorus
6	Verbatim Theatre	<ul style="list-style-type: none">✓ verbatim✓ transcripts✓ context✓ interpretation✓ Alecky Blythe✓ sequencing

Learning Area: Creatives

Subject: Drama

Year Group: 9



Term	Topic	Key Vocabulary
1	Lord of the Flies	✓ group dynamics ✓ contrasts ✓ subtext ✓ tone ✓ proxemics ✓ status ✓ physical theatre
2	Lost	✓ devising ✓ stimulus ✓ plot ✓ character ✓ sequencing
3	The Stones	✓ subtext ✓ contrast ✓ tension ✓ monologue ✓ Stanislavski ✓ multi-role
4	Theatre-in-Education	✓ theatre-in-Education ✓ message ✓ convey ✓ communication ✓ target audience ✓ topic
5	Brecht	✓ Brecht ✓ Brechtian ✓ Epic Theatre ✓ alienation (V-effect) ✓ non-chronological ✓ direct address
6	Responding to a Stimulus	✓ prop ✓ stimulus ✓ responding ✓ prop manipulation ✓ minimalistic ✓ naturalistic

Learning Area: Creatives

Subject: Drama

Year Group: 10 and 11



Students have a subject specific glossary from the exam board which we refer to throughout the course.

Conventions, forms, strategies, techniques

- ✓ action
- ✓ alter ego
- ✓ back-story
- ✓ chorus/chorus work
- ✓ collage
- ✓ communal voice
- ✓ conscience corridor (also known as 'consciencealley' or 'thought tunnel')
- ✓ flashback
- ✓ forum theatre
- ✓ frame distancing
- ✓ freeze-frame
- ✓ hot-seating
- ✓ improvisation
- ✓ narration
- ✓ narrator
- ✓ pace
- ✓ pause
- ✓ pitch
- ✓ ranking
- ✓ rehearsal techniques (a full range of rehearsal techniques, in addition to techniques noted in this list, is included in the teachers' guide)
- ✓ role reversal
- ✓ role transfer
- ✓ sculpting
- ✓ soundscape
- ✓ split screen
- ✓ tableau(x)
- ✓ tempo
- ✓ thoughts in the head or thought tracking
- ✓ transporting a character

Analytical, structural and theatrical terms

- ✓ alienation
- ✓ anti-climax
- ✓ arena staging
- ✓ aside
- ✓ audience
- ✓ auditorium
- ✓ caricature
- ✓ character
- ✓ climax
- ✓ composite setting
- ✓ dance drama
- ✓ devising/devised work
- ✓ dramatic irony
- ✓ dramatic tension
- ✓ end on staging
- ✓ Epic theatre
- ✓ fourth wall
- ✓ genre
- ✓ monologue
- ✓ naturalism
- ✓ physical theatre
- ✓ promenade staging
- ✓ Proscenium
- ✓ Realism
- ✓ style
- ✓ subtext
- ✓ theatre in the round
- ✓ thrust stage
- ✓ traverse stage

Learning Area: Creatives

Subject: Music

Year Group: 7



Term	Topic	Key Vocabulary
1	Understanding Music	✓ tempo ✓ dynamics ✓ pitch ✓ timbre ✓ texture ✓ rhythm
2	Christmas Ukuleles	✓ chord ✓ strum ✓ major ✓ minor ✓ accompaniment
3	Form and Structure	✓ binary ✓ ternary ✓ rondo ✓ through composed ✓ call and response
4	Stomp	✓ percussion ✓ drum ✓ graphic score ✓ performance ✓ notation
5	Musical Arrangements	✓ cover ✓ arrangement ✓ composition ✓ instrumentation ✓ variation
6	Pop Music 1	✓ song ✓ guitar ✓ bass ✓ drums ✓ vocalist ✓ piano

Learning Area: Creatives

Subject: Music

Year Group: 8



Term	Topic	Key Vocabulary
1	Minimalism	✓ origins ✓ motif ✓ phase shifting ✓ metamorphosis ✓ loop
2	Remixing	✓ remix ✓ sample ✓ structure ✓ chord ✓ elements
3	Programme Music	✓ descriptive ✓ programme music ✓ absolute music ✓ narrative ✓ imitate
4	African Drumming	✓ polyrhythm ✓ sub-Saharan ✓ call and response ✓ Master Drummer ✓ Ostinato
5	Music for Media	✓ voiceover ✓ jingle ✓ underscoring ✓ target audience ✓ script
6	Pop Music 2	✓ song ✓ guitar ✓ bass ✓ drums ✓ vocalist ✓ piano

Learning Area: Creatives

Subject: Music

Year Group: 9



Term	Topic	Key Vocabulary
1	Film	✓ diegetic ✓ underscoring ✓ Mickey-Mousing ✓ synch-point ✓ leitmotif
2	Blues	✓ improvisation ✓ walking bass ✓ 12 bar blues ✓ jazz ✓ blue notes
3	Hooks and Riffs	✓ hook ✓ riff ✓ chord progression ✓ syncopation ✓ ostinato
4	Reggae	✓ back beat ✓ skank ✓ off beat ✓ ska ✓ rock steady
5	Composers Notebook	✓ verse ✓ chorus ✓ intro ✓ outro ✓ middle 8 ✓ instrumental
6	Pop Music 3	✓ song ✓ guitar ✓ bass ✓ drums ✓ vocalist ✓ piano

Learning Area: Creatives

Subject: Music

Year Group: 10 and 11



Students have a subject specific glossary from the exam board which we refer to throughout the course.

Melody

- conjunct, disjunct, triadic, broken chords, scalar, arpeggio
- intervals within the octave
- passing notes
- diatonic, chromatic
- slide/portamento/glissando, ornamentation including acciaccaturas and appoggiaturas
- ostinato
- phrasing, articulation
- riff
- pitch bend
- melisma
- hook
- improvisation
- blue notes
- pentatonic, whole tone, modal
- melody–scat
- improvisation
- ostinato
- motifs

Harmony

- diatonic, chromatic
- consonant, dissonant
- pedal, drone
- cadences: perfect, plagal, imperfect, interrupted and tierce de Picardie
- major, minor and dominant seventh chords using chord symbols/roman numerals
- power chords

Tonality

- major, minor, and key signatures to four sharps and flats
- modulation to dominant, subdominant in major or minor keys
- relative major or minor
- tonic major or minor
- pentatonic
- modal
- blues scale
- whole tone

Structure

- binary and ternary
- rondo
- arch-shape
- through-composed
- theme and variations, sonata, minuet and trio, scherzo and trio
- call and response
- ground bass, continuo
- cadenza
- intro/outro
- verse
- chorus
- break
- twelve-bar blues
- drum fill
- strophic, verse and chorus, cyclic
- popular song forms
- 12/16 bar blues

Texture

- harmonic/homophonic/chordal
- polyphonic/contrapuntal
- imitative, canonic, layered
- antiphonal
- a cappella
- monophonic/single melody line
- melody and accompaniment
- unison, octaves
- layered/layering.

Dynamics and Articulation

Gradation of dynamics as follows:

- pp, p, mp, mf, f, ff including the Italian terms
- cresc, crescendo, dim, diminuendo including hairpins
- sfz, sforzando
- common signs, terms and symbols.

Learning Area: Creatives

Subject: Music

Year Group: 10 and 11



Sonority (Timbre)

- instruments and voices singly and in combination as found in music, including that for solo instruments, concertos, chamber groups
- instrumental techniques such as arco, pizzicato, con sordino
- standard contemporary instrument types eg electric guitar, synthesisers
- specific instrument types eg sitar, dilruba
- instrumental techniques eg palm mute (pm), pitch bend, hammer-on (ho), pull-off (po), slide guitar/bottleneck
- drum kit components and techniques eg rim shot
- vocal timbres eg falsetto, belt, rap, beat-boxing, scat singing
- specific instrumental techniques eg slap bass
- specific instrumental effects eg amplification, distortion
- specific technological recording techniques eg automatic double-tracking (ADT) and direct input transformer (DIT).

Tempo, Metre and Rhythm

- simple and compound time
- regular
- anacrusis
- common Italian tempo terms eg allegro, andante
- pulse
- augmentation, diminution
- hemiola
- semibreve, minim, crotchet, quaver, semiquaver
- dotted rhythms, triplets, scotch snap
- rubato, pause
- tempo
- bpm (beats per minute)
- mm (metronome marking)
- groove
- backbeat
- syncopation
- off-beat
- shuffle, swing/swung
- irregular, free
- skank
- bubble
- clave (Bo Diddley type beat)
- augmentation, diminution
- anacrusis
- hemiola
- bi-rhythm, cross-rhythm, polyrhythm
- shuffle beat
- bossa nova
- samba
- salsa
- tango
- habanera
- danzón
- merengue
- cha-cha-cha
- rumba
- rubato

Year Group: 7



	Topic	Key Vocabulary
1	Food	1. sauce 2. sieve 3. nutrition 4. healthy 5. diet
2	Graphics	1. investigate 2. materials 3. Photoshop 4. layers 5. logo
3	Product Design	1. protection 2. machinery 3. accuracy 4. materials 5. adhesive
4	Textiles	1. sew 2. needle 3. stitch 4. fabric 5. cotton

Learning Area: Creatives
 Subject: Technology
 Year Group: 8



	Topic	Key Vocabulary
1	Food	1. environment 2. fairtrade 3. gelatinisation 4. temperature 5. bacteria
2	Graphics	1. filter 2. saturation 3. hue 4. colour theory 5. sustainable
3	PD	1. orthographic 2. analysis 3. annotation 4. manufacturing 5. ergonomics
4	Textiles	1. fibres 2. synthetic 3. biodegradable 4. finite 5. polyester

Learning Area: Creatives
 Subject: Technology
 Year Group: 9



	Topic	Key Vocabulary
1	Food	1. knead 2. yeast 3. gluten 4. culture 5. wok
2	Graphics	1. client 2. typography 3. specification 4. personalise 5. prototype
3	PD	1. anthropometrics 2. deforestation 3. vacuum forming 4. polypropylene 5. polymerisation
4	Textiles	1. thread 2. pattern 3. durable 4. embroidery 5. elastic

Learning Area: Humanities

Subject: Child Development

Year Group: 10



Term	Topic	Key Vocabulary
1	Reproduction and Parenthood	<ul style="list-style-type: none">✓ genetic counselling✓ implantation✓ endometrium✓ ovulation✓ menstruation✓ roles and responsibilities✓ socialisation✓ vas deferens✓ fallopian tube
2	Antenatal care and preparation for birth	<ul style="list-style-type: none">✓ obstetrician✓ antenatal✓ ultrasound✓ diagnostic tests✓ caesarean section✓ domino scheme✓ forceps✓ amniocentesis✓ ventouse✓ gynaecologist
3	The postnatal period	<ul style="list-style-type: none">✓ postnatal✓ lanugo✓ vernix✓ APGAR✓ premature✓ reflex✓ development✓ behaviour and discipline
4–6	COURSEWORK: understanding the equipment and nutritional needs of children	<ul style="list-style-type: none">✓ equipment✓ nutrition✓ hygiene✓ nutrients✓ weaning✓ commercially available

Learning Area: Humanities

Subject: Child Development

Year Group: 11



Term	Topic	Key Vocabulary
1	Childhood illness	✓ obesity ✓ intolerance ✓ allergy ✓ immunity ✓ vaccination ✓ immunisation
2	Child safety	✓ kite mark ✓ accident ✓ poisoning ✓ CE symbol ✓ lion mark ✓ BSI safety mark
3	Coursework: understanding the development of a child from birth to 5 years	✓ physical development ✓ intellectual development ✓ social development ✓ manipulative play ✓ physical play ✓ solitary play ✓ cooperative play ✓ evaluate
4-5	Childhood illness	✓ obesity ✓ intolerance ✓ allergy ✓ immunity ✓ vaccination ✓ immunisation

Learning Area: Humanities

Subject: Geography

Year Group: 7



Term	Topic	Key Vocabulary
1	What is Geography and map skills?	<ul style="list-style-type: none">✓ physical Geography✓ human Geography✓ environment✓ scale✓ relief✓ gradient✓ longitude and latitude
2	Rivers	<ul style="list-style-type: none">✓ course✓ hydrological cycle✓ drainage basin✓ meander✓ source✓ mouth✓ landform
3	Settlement	<ul style="list-style-type: none">✓ urban✓ rural✓ hamlet✓ suburb✓ sustainable
4	Journey through Africa	<ul style="list-style-type: none">✓ population density✓ climate✓ tourism✓ positive impacts✓ negative impacts
5	Limestone	<ul style="list-style-type: none">✓ solution✓ dissolve✓ sinkholes✓ stalactites✓ stalagmites
6	Oceans	<ul style="list-style-type: none">✓ pollution✓ coral reef✓ habitats✓ stewardship✓ global commons

Learning Area: Humanities

Subject: Geography

Year Group: 8



Term	Topic	Key Vocabulary
1	Tourism	✓ tourism ✓ social ✓ economic ✓ ecotourism ✓ mass tourism
2	Antarctica	✓ continent ✓ ice Sheet ✓ ice Shelf ✓ sustainability ✓ design brief
3	Restless Earth	✓ tectonics ✓ plate boundary ✓ magma ✓ lava ✓ focus ✓ epicentre
4	Uneven development	✓ development ✓ development indicator ✓ literacy ✓ infant mortality ✓ HDI
5	Coasts	✓ erosion ✓ abrasion ✓ attrition ✓ stack ✓ longshore drift ✓ deposition
6	Brazil	✓ migration ✓ urbanisation ✓ megacity ✓ favela ✓ NEE– Newly emerging economy

Learning Area: Humanities

Subject: Geography

Year Group: 9



Term	Topic	Key Vocabulary
1	China	<ul style="list-style-type: none">✓ communism✓ democracy✓ densely populated✓ sparsely populated✓ TNC✓ export
2	Conflict	<ul style="list-style-type: none">✓ conflict✓ blood diamond✓ resource✓ genocide✓ desertification✓ ethnicity
3	Ecosystems	<ul style="list-style-type: none">✓ ecosystem✓ biome✓ consumer✓ producer✓ food chain✓ food web
4	Deserts and rainforests	<ul style="list-style-type: none">✓ humidity✓ tropics✓ indigenous✓ xerophytes✓ stratification✓ epiphytes
5	Nigeria	<ul style="list-style-type: none">✓ NEE✓ development gap✓ Foreign Direct Investment (FDI)✓ development indicator✓ standard of living✓ quality of life
6	Wild weather	<ul style="list-style-type: none">✓ hurricane✓ anemometer✓ barometer✓ air pressure✓ track (of hurricane)

Year Group: 10



Term	Topic	Key Vocabulary
1	Natural Hazards- tectonics	<ul style="list-style-type: none"> ✓ convection current ✓ destructive boundary ✓ primary effects ✓ secondary effects ✓ responses ✓ Richter Scale
2	Natural Hazards- climatic	<ul style="list-style-type: none"> ✓ Saffir-Simpson scale ✓ track (of hurricane) ✓ low pressure ✓ greenhouse effect ✓ enhanced greenhouse effect ✓ orbital changes
3	Urban geography- Rio	<ul style="list-style-type: none"> ✓ urbanisation ✓ rural ✓ urban ✓ push and pull factor ✓ favela
4	Urban geography- Bristol	<ul style="list-style-type: none"> ✓ social inequality ✓ brownfield ✓ greenfield ✓ regeneration ✓ sustainable housing
5	Rivers	<ul style="list-style-type: none"> ✓ source ✓ mouth ✓ tributary ✓ confluence ✓ floodplain ✓ estuary ✓ long profile ✓ cross profile
6	Coasts	<ul style="list-style-type: none"> ✓ erosion (abrasion, attrition, solution and hydraulic action) ✓ transportation- longshore drift ✓ deposition ✓ headland and bay ✓ spit

Learning Area: Humanities

Subject: Geography

Year Group: 11



Term	Topic	Key Vocabulary
1	Ecosystems	<ul style="list-style-type: none">✓ consumers✓ producers✓ decomposers✓ food web✓ food chain✓ epiphytes✓ Lianas✓ palm oil
2	World economic Geography	<ul style="list-style-type: none">✓ HDI✓ development indicators✓ population pyramid✓ Demographic Transition Model (DTM)✓ appropriate aid✓ short term/long term aid
3	UK economic Geography	<ul style="list-style-type: none">✓ north-south divide✓ quarrying✓ south east drift✓ northern powerhouse✓ commonwealth
4	Resources	<ul style="list-style-type: none">✓ water security✓ food security✓ energy security✓ water stress✓ fracking✓ food miles✓ renewable energy
5	Revision of all topics	
6		

Learning Area: Humanities

Subject: History

Year Group: 7



Term	Topic	Key Vocabulary
1	How did Roman civilisation change Britain?	<ul style="list-style-type: none">✓ chronology✓ migration✓ archaeology✓ empire✓ soldier
2	How 'dark' were the Dark Ages?	<ul style="list-style-type: none">✓ Anglo-Saxon✓ Burh✓ Witan✓ illumination✓ monastery
3	How did the Normans control England?	<ul style="list-style-type: none">✓ Bayeux Tapestry✓ Feudal System✓ Domesday Book✓ Motte and Bailey✓ knight
4	What does the story of Thomas Becket tell us about the medieval Church?	<ul style="list-style-type: none">✓ Archbishop✓ penance✓ martyr✓ cathedral✓ excommunication
5	Why did people go on Crusade?	<ul style="list-style-type: none">✓ Crusade✓ Jerusalem✓ siege✓ chivalry✓ Saracen
6	How did Bristol change in the Middle Ages?	<ul style="list-style-type: none">✓ Bubonic plague✓ apprentice✓ Burgess✓ merchant✓ carrack

Learning Area: Humanities

Subject: History

Year Group: 8



Term	Topic	Key Vocabulary
1	Was Richard III an evil murderer?	<ul style="list-style-type: none">✓ interpretation✓ propaganda✓ illegitimate✓ monarchy✓ usurper
2	Why were people willing to die for their religious beliefs in the Tudor period?	<ul style="list-style-type: none">✓ heresy✓ nepotism✓ Catholic✓ Protestant✓ Reformation
3	How much changed for ordinary people during the seventeenth century?	<ul style="list-style-type: none">✓ Puritan✓ parliament✓ pamphlet✓ protectorate✓ Restoration
4	How did Britain change India – and how did India change Britain?	<ul style="list-style-type: none">✓ Mughal✓ shareholder✓ Sepoy✓ famine✓ independence
5	How did Bristol become so wealthy during the eighteenth century?	<ul style="list-style-type: none">✓ plantation✓ tobacco✓ Caribbean✓ Transatlantic✓ Abolition
6	Why was Britain the first country to have an Industrial Revolution?	<ul style="list-style-type: none">✓ industrialisation✓ urbanisation✓ factory✓ invention✓ entrepreneur

Learning Area: Humanities

Subject: History

Year Group: 9



Term	Topic	Key Vocabulary
1	Did anyone really win the First World War?	<ul style="list-style-type: none">✓ assassination✓ nationalism✓ imperialism✓ militarism✓ alliance
2	Was war the most important factor leading to British women gaining the vote?	<ul style="list-style-type: none">✓ democracy✓ Suffragette✓ individual✓ campaign✓ munitions
3	Were the 1920s a golden age for all Americans?	<ul style="list-style-type: none">✓ capitalism✓ consumerism✓ prohibition✓ isolationism✓ segregation
4	Was everybody equal in the Soviet Union?	<ul style="list-style-type: none">✓ communism✓ dictatorship✓ totalitarian✓ collectivisation✓ cult of personality
5	Why did Mussolini want to make Italy great again?	<ul style="list-style-type: none">✓ fascism✓ Conservative✓ ideology✓ Blackshirts✓ slogan
6	Why did the Holocaust happen?	<ul style="list-style-type: none">✓ antisemitism✓ diaspora✓ pogrom✓ Aryan✓ persecution

Year Group: 10



Term	Topic	Key Vocabulary
1	Saxons and Vikings Normans – Part 1	<ul style="list-style-type: none"> ✓ Viking ✓ Fyrd ✓ Danelaw ✓ Danegeld ✓ Thane/Thegn ✓ Earldom ✓ Wergild ✓ Housecarl ✓ Papal ✓ Patronage
2	Normans – Part 2	<ul style="list-style-type: none"> ✓ Oath of Fealty ✓ Villein ✓ Tenant-in-chief ✓ Marcher Lord ✓ Castellan ✓ Curia Regis ✓ Chancery ✓ writ ✓ hierarchy ✓ Murdrum
3	Normans – Part 3	<ul style="list-style-type: none"> ✓ Ecclesiastical ✓ clerical ✓ secular ✓ Monasticism ✓ Simony ✓ Pallium ✓ liturgy ✓ Synod ✓ Benedictine ✓ Cluniac
4	Migration – Part 1	<ul style="list-style-type: none"> ✓ immigration ✓ emigration ✓ economic resources ✓ Angevin ✓ Longbowman ✓ Privateer ✓ colony ✓ settler ✓ indigenous ✓ indentured servant
5	Migration – Part 2	<ul style="list-style-type: none"> ✓ Viceroy ✓ Imperialism ✓ Social Darwinism ✓ mutiny ✓ rebellion ✓ dominion ✓ jingoism ✓ Quinine ✓ Boer ✓ navy
6	Migration – Part 3	<ul style="list-style-type: none"> ✓ refugee ✓ decolonisation ✓ Commonwealth ✓ Eurosceptic ✓ referendum

Learning Area: Humanities

Subject: History

Year Group: 11



Term	Topic	Key Vocabulary
1	Germany – Part 1	<ul style="list-style-type: none">✓ Kaiser✓ Reichstag✓ Chancellor✓ socialism✓ Weltpolitik✓ blockade✓ constitution✓ reparations✓ proportional representation✓ hyperinflation
2	Germany – Part 2	<ul style="list-style-type: none">✓ putsch✓ Lebensraum✓ election✓ orator✓ Depression✓ unemployment✓ paramilitary✓ Enabling Act✓ Gleichschaltung✓ Führer
3	Germany – Part 3	<ul style="list-style-type: none">✓ Third Reich✓ autobahn✓ rearmament✓ Volksgemeinschaft✓ Volkswagen✓ Untermenschen✓ Gestapo✓ Kristallnacht✓ ghetto✓ Einsatzgruppen
4	Cold War – Part 1	<ul style="list-style-type: none">✓ superpower✓ conference✓ Iron Curtain✓ satellite state✓ coalition✓ containment✓ doctrine✓ sector✓ Cominform✓ Comecon
5	Cold War – Part 2	<ul style="list-style-type: none">✓ proxy war✓ parallel✓ Sputnik✓ cosmonaut✓ espionage✓ atomic✓ destalinisation✓ resistance✓ coexistence✓ Intercontinental Ballistic Missile
6	Cold War – Part 3	<ul style="list-style-type: none">✓ mutually assured destruction✓ brinkmanship✓ sanctions✓ diplomacy✓ intelligence✓ intervention✓ hotline✓ deterrent✓ proliferation✓ Détente

Learning Area: Humanities

Subject: Religious Studies

Year Group: 7



Topic		Key Vocabulary
1	Abrahamic Religions	<ul style="list-style-type: none">✓ creation✓ banished✓ Original sin✓ interpretation✓ sacrifice✓ faith✓ covenant✓ promise✓ circumcision✓ Promised Land
2	Judaism	<ul style="list-style-type: none">✓ Messiah✓ Zionist✓ Orthodox✓ Reform✓ Secular✓ commandments✓ Synagogue✓ Shabbat✓ kosher✓ Bar/Bat Mitzvah
3	Christianity	<ul style="list-style-type: none">✓ pacifism✓ forgiveness✓ prophet✓ creed✓ ecumenical✓ trinity✓ Divine✓ apostle✓ crucifixion✓ resurrection
4	Islam	<ul style="list-style-type: none">✓ idolatry✓ polytheism✓ ummah✓ shirk✓ submission✓ modesty✓ righteousness

Learning Area: Humanities

Subject: Religious Studies

Year Group: 8



Topic		Key Vocabulary
1	Buddhism	<ul style="list-style-type: none">✓ allegory✓ enlightenment✓ samsara✓ karma✓ rebirth✓ precept✓ ascetic✓ literal✓ liberal
2	Hinduism	<ul style="list-style-type: none">✓ atman✓ ahimsa✓ moksha✓ Trimurti✓ atman✓ Caste✓ Smriti✓ Shruti
3	Sikhism	<ul style="list-style-type: none">✓ Waheguru✓ pluralism✓ guru✓ Sewa✓ Langar✓ Vaisakhi✓ khalsa✓ martyrdom✓ kirpan✓ kesh
4	Pilgrimage	<ul style="list-style-type: none">✓ pilgrim✓ shrine✓ prophet✓ confluence✓ devotion

Learning Area: Humanities

Subject: Religious Studies

Year Group: 9



Topic		Key Vocabulary
1	Medical Ethics	<ul style="list-style-type: none">✓ saviour sibling✓ abortion✓ euthanasia✓ cloning✓ conception✓ foetus✓ IVF✓ Pro-life✓ Pro-choice✓ double effect
2	Religion and Animals	<ul style="list-style-type: none">✓ stewardship✓ dominion✓ factory farming✓ free range✓ vegan✓ vegetarian
3	Religion and Poverty	<ul style="list-style-type: none">✓ poverty✓ relative✓ absolute✓ wealth✓ compassion✓ First World✓ campaign
4	Religion and Prejudice	<ul style="list-style-type: none">✓ homosexual✓ heterosexual✓ racism✓ Islamophobia✓ sexism✓ feminism✓ injustice✓ prejudice✓ discrimination
5	Contemporary Religions	<ul style="list-style-type: none">✓ Rastafari✓ Jehovah✓ Pagan✓ Animism✓ Humanism✓ Amish✓ conservative

Learning Area: Humanities

Subject: Religious Studies

Year Group: 10



Topic		Key Vocabulary
1	Christianity: Beliefs and Teachings	<ul style="list-style-type: none">✓ denomination✓ blasphemy✓ omnipotent✓ benevolent✓ incarnation✓ resurrection✓ ascension✓ atonement✓ salvation✓ grace
2	Christianity: Beliefs and Practices	<ul style="list-style-type: none">✓ liturgical✓ Non-conformists✓ believers✓ communion✓ agape✓ pilgrimage✓ Great Commission✓ reconciliation✓ persecution✓ evangelism
3	Islam: Beliefs and Teachings	<ul style="list-style-type: none">✓ al-Qadr (predestination)✓ tawhid (oneness)✓ monotheistic✓ supremacy✓ immanent✓ transcendent✓ adalat (justice)✓ akhirah (afterlife)✓ risalah (message)✓ caliph
4	Islam: Beliefs and Practices	<ul style="list-style-type: none">✓ wudu✓ Jummah✓ Shahadah✓ rak'ah✓ Id-ul-Fitr✓ Id-ul-Adha✓ sadaqah (voluntary charity)✓ khums✓ recitation✓ prostration

Learning Area: Humanities

Subject: Religious Studies

Year Group: 11



Topic		Key Vocabulary
1	Relationships and families	<ul style="list-style-type: none">✓ adultery✓ contraception✓ annulment✓ nuclear family✓ polygamy✓ procreation✓ cohabitation✓ heterosexual✓ homosexual✓ marriage
2	Crime and punishment	<ul style="list-style-type: none">✓ addiction✓ retribution✓ deterrence✓ reformation✓ corporeal✓ community service✓ capital punishment
3	Peace and conflict	<ul style="list-style-type: none">✓ justice✓ pacifism✓ retaliation✓ terrorism✓ biological weapons✓ chemical weapons✓ nuclear weapons✓ peacemakers
4	Religion and life	<ul style="list-style-type: none">✓ abortion✓ euthanasia✓ fundamentalists✓ stewardship✓ dominion✓ environment✓ deforestation✓ sanctity of life

Learning Area: Humanities

Subject: Sociology

Year Group: 11



Term	Topic	Key Vocabulary
1	Research methods	<ul style="list-style-type: none">✓ qualitative✓ quantitative✓ validity✓ primary data✓ secondary data✓ questionnaires✓ interviews✓ covert/overt observations✓ official statistics✓ practical/ethical considerations
2	Crime and deviance	<ul style="list-style-type: none">✓ crime✓ crime statistics✓ dark figure of crime✓ self-report study✓ victim survey✓ causes of crime✓ victims of crime✓ moral panic✓ social control✓ deviance
3	Crime and deviance 2	<ul style="list-style-type: none">✓ punishment✓ poverty✓ subcultures/gangs✓ prison✓ media representations✓ social construction of crime✓ Marxist view of crime✓ functionalist view of crime✓ feminist view of crime✓ interactionist view of crime
4	Social stratification – Part 1	<ul style="list-style-type: none">✓ stratification✓ life chances✓ ascribed status✓ achieved status✓ life expectancy✓ inequality✓ petty bourgeoisie✓ class polarisation✓ hate crime✓ poverty as a social issue
5	Social stratification – Part 2	<ul style="list-style-type: none">✓ relative deprivation✓ lumpenproletariat✓ deindustrialisation✓ protectionism✓ public sector✓ left wing✓ right wing✓ democracy✓ dictatorship✓ interest/pressure groups

Learning Area: Mathematics, Computing and Business

Subject: Business Studies

Year Group: 10



Topic		Key Vocabulary
1	Business Activity	✓ GOODS ✓ SERVICES ✓ OPPORTUNITY COST ✓ UNIQUE SELLING POINT ✓ ENTREPRENEUR
2	Business Activity	✓ ENTERPRISE SKILLS ✓ SOCIAL ENTERPRISE ✓ BUSINESS PLAN ✓ RISK UNCERTAINTY
3	Influence on Business	✓ INTEREST RATE ✓ GLOBALISATION ✓ ETHICS ✓ BUSINESS CYCLE ✓ RECESSION
4	Influence on Business	✓ SUPPLIER ✓ DIGITAL MARKETING ✓ APPS ✓ SOCIAL MEDIA ✓ WEBCHAT
5	Business Operations	✓ ECONOMIES OF SCALE ✓ UNIT COST ✓ PRODUCTION ✓ PRODUCTIVITY ✓ EFFICIENCY
6	Business Operations	✓ JUST IN TIME (JIT) ✓ SUPPLY CHAIN ✓ QUALITY ✓ BATCH PRODUCTION ✓ PATENT

Learning Area: Mathematics, Computing and Business

Subject: Business Studies

Year Group: 11



Topic		Key Vocabulary
1	Finance	✓ FIXED COST ✓ VARIABLE COST ✓ TOTAL COSTS ✓ SELLING PRICE ✓ SALES REVENUE
2	Finance	✓ PROFIT ✓ SOURCES OF FINANCE ✓ AVERAGE RATE OF RETURN ✓ GROSS PROFIT ✓ NET PROFIT
3	Human Resource Management	✓ PERSON SPECIFICATION ✓ JOB DESCRIPTION ✓ INTERVIEWS ✓ RECRUITMENT ✓ SHORTLIST
4	Human Resource Management	✓ MOTIVATION ✓ HEAD HUNTING ✓ PSYCHOMETRIC TEST ✓ APTITUDE ✓ TRAINING
5	Marketing	✓ SECONDARY RESEARCH ✓ PRIMARY RESEARCH ✓ MARKET RESEARCH ✓ SAMPLE ✓ MARKETING MIX
6	Marketing	✓ PRICE ✓ PRODUCT ✓ PLACE ✓ PROMOTION ✓ CUSTOMER NEEDS

[illegible]

Year Group: 7

Topic		Key Vocabulary
1	Using the Network	<ul style="list-style-type: none"> ✓ digital literacy ✓ computer science ✓ acceptable use policy ✓ documents ✓ e-mail ✓ Internet ✓ USER AREA ✓ network
2	Programming	<ul style="list-style-type: none"> ✓ procedure ✓ computational thinking ✓ variables ✓ sprites ✓ scripts ✓ comments ✓ iteration
3	Cyber bullying	<ul style="list-style-type: none"> ✓ upstander ✓ bystander ✓ phishing ✓ fraud ✓ cyber bullying ✓ copyright ✓ plagiarise ✓ license
4	Graphics	<ul style="list-style-type: none"> ✓ binary ✓ pixel ✓ models ✓ simulation ✓ scale drawing ✓ rotations ✓ walk through
5	Small Basic	<ul style="list-style-type: none"> ✓ coordinates ✓ commands ✓ editor ✓ polygons ✓ colour palette ✓ statements ✓ run time ✓ debugging

Year Group: 8

Topic		Key Vocabulary
1	Algorithms	<ul style="list-style-type: none">✓ flow chart✓ resolution✓ sorting✓ searching✓ process✓ hardware✓ software✓ processing✓ sensor
2	Python	<ul style="list-style-type: none">✓ radius✓ set position✓ fill colour✓ turtle✓ operators✓ assign✓ increment✓ function
3	Databases	<ul style="list-style-type: none">✓ field✓ record✓ entity✓ relationship✓ query✓ validation✓ verification✓ order✓ descending✓ ascending
4	Digital Media	<ul style="list-style-type: none">✓ mail merge✓ avatar✓ digital media✓ inappropriate✓ risky✓ opportunity✓ harass✓ anonymous✓ consequence
5	GameMaker	<ul style="list-style-type: none">✓ projectiles✓ testing✓ analysis✓ development✓ prototype✓ professional✓ perspective✓ Boolean✓ collision
6	Small Basic	<ul style="list-style-type: none">✓ intellisense✓ background✓ foreground✓ modelling✓ arithmetic operators✓ assignment statements✓ random

Learning Area: Mathematics, Computing and Business

Subject: Computer Science

Year Group: 9



Topic		Key Vocabulary
1	Python Programming	<ul style="list-style-type: none">✓ integer✓ float✓ rounding✓ pseudocode✓ interactive✓ linear search✓ syntax✓ run time✓ logic
2	Digital Literacy	<ul style="list-style-type: none">✓ sexting✓ digital footprint✓ audience✓ publish✓ criteria✓ mash up✓ public domain✓ flaming
3	Networks	<ul style="list-style-type: none">✓ topology✓ transmission speed✓ fibre optic✓ coaxial✓ broadband✓ server✓ buffering✓ internet
4	Web Site Design	<ul style="list-style-type: none">✓ hyper text✓ dreamweaver✓ notepad✓ hyperlink✓ webpage✓ cascading✓ style sheet✓ properties✓ alignment
5	Photoshop	<ul style="list-style-type: none">✓ layer✓ render✓ filters✓ highlighted✓ transform✓ skew✓ rotate✓ distortion✓ eraser✓ eyedropper
6	Spreadsheets	<ul style="list-style-type: none">✓ formulae✓ spreadsheet✓ relative✓ absolute✓ referencing✓ calculate✓ formatting✓ merchandising✓ forecast✓ profit

Learning Area: Mathematics, Computing and Business

Subject: Computer Science

Year Group: 10



Topic		Key Vocabulary
1	Algorithms	<ul style="list-style-type: none"> ✓ computational thinking ✓ abstraction ✓ decomposition ✓ bubble sort ✓ merge sort ✓ pseudocode
2	Logic	<ul style="list-style-type: none"> ✓ Boolean algebra ✓ structured query language ✓ wildcards ✓ flow charts ✓ operators ✓ string handling ✓ arithmetic operators ✓ comparison operators
3	Programming	<ul style="list-style-type: none"> ✓ variable ✓ constant ✓ casting ✓ iteration ✓ selection ✓ subroutines ✓ arrays ✓ string handling
4	Computer Components	<ul style="list-style-type: none"> ✓ Arithmetic Logic Unit ✓ clock speed ✓ cache ✓ cores ✓ optical storage ✓ solid state storage ✓ memory address register ✓ memory data register
5	Networks	<ul style="list-style-type: none"> ✓ Hyper Text Transfer Protocol ✓ packet switching ✓ encryption ✓ network topologies ✓ Internet Protocol ✓ File Transfer Protocol ✓ router ✓ switches ✓ peripherals
6	Computer Threats	<ul style="list-style-type: none"> ✓ malware ✓ phishing ✓ Brute Force Attacks ✓ Denial of Service ✓ penetration testing ✓ firewalls ✓ virus ✓ defragmentation

Learning Area: Mathematics, Computing and Business

Subject: Computer Science

Year Group: 11



Topic		Key Vocabulary
1	Data entry	<ul style="list-style-type: none"> ✓ input sanitisation ✓ validation ✓ contingencies ✓ misuse ✓ authentication ✓ combo box ✓ radio button
2	Coding and planning	<ul style="list-style-type: none"> ✓ comments ✓ indentation ✓ iterative testing ✓ editors ✓ error diagnostics ✓ run-time environment ✓ translators
3	Data sizes	<ul style="list-style-type: none"> ✓ bit, ✓ nibble ✓ byte ✓ kilobyte ✓ megabyte ✓ gigabyte ✓ terabyte ✓ petabyte
4	Sampling	<ul style="list-style-type: none"> ✓ sample size ✓ bit rate ✓ sampling frequency ✓ Lossy compression ✓ lossless compression ✓ systematic
5	Programming	<ul style="list-style-type: none"> ✓ casting ✓ float ✓ string ✓ global ✓ modulus ✓ quotient ✓ exponent
6	Storage	<ul style="list-style-type: none"> ✓ magnetic ✓ optical ✓ solid state ✓ volatile ✓ mainframe ✓ microprocessor ✓ data bus ✓ address bus

Learning Area: Mathematics, Computing and Business

Subject: Maths

Year Group: 7



Term	Topic	Key Vocabulary
1	Algebra 1	<ul style="list-style-type: none">✓ Fibonacci✓ input✓ linear✓ Nth term✓ output✓ pattern✓ sequence✓ term
	Number 1	<ul style="list-style-type: none">✓ BODMAS✓ cubes✓ product✓ roots✓ squares✓ sums
	Geometry & Measures 1	<ul style="list-style-type: none">✓ area✓ net✓ perimeter✓ units✓ volume
2	Number 2	<ul style="list-style-type: none">✓ denominator✓ equivalent✓ improper✓ mixed number✓ numerator✓ top-heavy
	Statistics 1	<ul style="list-style-type: none">✓ frequency✓ mean✓ median✓ mode✓ range
	Algebra 2	<ul style="list-style-type: none">✓ coefficient✓ constant✓ equation✓ expression✓ term✓ variable
3	Geometry & Measures 2	<ul style="list-style-type: none">✓ alternate angles✓ co-interior angles✓ corresponding angles✓ exterior angles✓ interior angles✓ parallel✓ perpendicular
	Probability 1	<ul style="list-style-type: none">✓ certain✓ even chance✓ impossible✓ likely✓ probability✓ unlikely
	Algebra 3	<ul style="list-style-type: none">✓ gradient✓ horizontal✓ intercept✓ vertical✓ x-axis✓ y-axis

Learning Area: Mathematics, Computing and Business

Subject: Maths

Year Group: 7

4	Number 3	<ul style="list-style-type: none">✓ approximation✓ estimation
	Geometry & Measures 3	<ul style="list-style-type: none">✓ parallel✓ perpendicular✓ symmetry
	Ratio 1	<ul style="list-style-type: none">✓ direct proportion✓ equivalent✓ simplest form
5	Algebra 4	<ul style="list-style-type: none">✓ coefficient✓ equation✓ expression✓ formula✓ solve✓ substitution✓ term
	Geometry & Measures 4	<ul style="list-style-type: none">✓ congruent✓ enlargement✓ reflection✓ rotation✓ similar✓ symmetry✓ translation✓ vector
	Geometry & Measures 5	<ul style="list-style-type: none">✓ hypotenuse✓ Pythagoras✓ Pythagorean Triple✓ right angle
6	Number 4	<ul style="list-style-type: none">✓ decrease✓ factor and lowest common factor (LCM)✓ increase✓ multiple and highest common multiple (HCF)✓ percentage✓ prime
	Algebra 5	<ul style="list-style-type: none">✓ acceleration✓ decrease✓ gradient✓ increase✓ speed✓ steady
	Geometry & Measures 6	<ul style="list-style-type: none">✓ irregular✓ net✓ polygon✓ regular

Learning Area: Mathematics, Computing and Business

Subject: Maths

Year Group: 8



Term	Topic	Key Vocabulary
1	Number & Algebra 1	<ul style="list-style-type: none"> ✓ cubes ✓ factor and lowest common factor (LCM) ✓ multiple and highest common multiple (HCF) ✓ prime ✓ roots ✓ squares
	Geometry & Measures 1	<ul style="list-style-type: none"> ✓ alternate angles ✓ co-interior angles ✓ corresponding angles ✓ exterior angles ✓ interior angles ✓ parallel ✓ perpendicular
	Algebra 2	<ul style="list-style-type: none"> ✓ coefficient ✓ constant ✓ equation ✓ expand ✓ expression ✓ indices ✓ term ✓ variable
2	Probability 1	<ul style="list-style-type: none"> ✓ frequency ✓ mean ✓ median ✓ mode ✓ mutually exclusive ✓ range
	Number 2	<ul style="list-style-type: none"> ✓ denominator ✓ equivalent ✓ improper ✓ mixed number ✓ numerator ✓ top-heavy
	Geometry & Measures 2	<ul style="list-style-type: none"> ✓ area ✓ circumference ✓ diameter ✓ net ✓ perimeter ✓ radius ✓ units ✓ volume
3	Algebra 3	<ul style="list-style-type: none"> ✓ gradient ✓ horizontal ✓ intercept ✓ quadratic ✓ vertical ✓ x-axis ✓ y-axis
	Number 3	<ul style="list-style-type: none"> ✓ approximation ✓ estimation
	Geometry & Measures extra	<ul style="list-style-type: none"> ✓ adjacent ✓ hypotenuse ✓ opposite ✓ right angle ✓ SOH-CAH-TOA

Learning Area: Mathematics, Computing and Business

Subject: Maths

Year Group: 8

4	Geometry & Measures 3	<ul style="list-style-type: none">✓ congruent✓ enlargement✓ reflection✓ rotation✓ similar✓ symmetry✓ translation✓ vector
	Algebra 4	<ul style="list-style-type: none">✓ coefficient✓ constant✓ equation✓ expression✓ substitution✓ term✓ variable
5	Statistics 2	<ul style="list-style-type: none">✓ correlation✓ mean✓ median✓ mode✓ range✓ decrease
	Number 4	<ul style="list-style-type: none">✓ factor and lowest common factor (LCM)✓ increase✓ multiple and highest common multiple (HCF)✓ percentage✓ prime
	Geometry & Measures extra	<ul style="list-style-type: none">✓ elevation✓ isometric✓ plan✓ view
6	Ratio 1	<ul style="list-style-type: none">✓ direct and inverse proportion✓ equivalent✓ sharing✓ simplest form
	Algebra 5	<ul style="list-style-type: none">✓ Fibonacci✓ geometric✓ linear✓ Nth term✓ quadratic✓ sequence
	Statistics 3	<ul style="list-style-type: none">✓ data✓ frequency✓ mean✓ median✓ mode✓ range

Learning Area: Mathematics, Computing and Business

Subject: Maths

Year Group: 9



Term	Topic	Key Vocabulary
1	Number	<ul style="list-style-type: none">✓ rounding✓ multiples✓ factors✓ negatives✓ surds✓ addition✓ subtraction✓ multiple✓ divide✓ product
2	Algebra and sequences	<ul style="list-style-type: none">✓ equations✓ expand✓ bracket✓ solve✓ geometric✓ quadratic✓ rearrange
3	Graphs	<ul style="list-style-type: none">✓ scatter diagram✓ pie chart✓ speed✓ distance✓ time✓ average✓ mean✓ median✓ mode
4	Fractions and proportion	<ul style="list-style-type: none">✓ equivalent✓ percentage✓ increase✓ decrease✓ compound✓ change✓ proportion✓ divide✓ split
5	Angles and Right angled triangles	<ul style="list-style-type: none">✓ Pythagoras✓ trigonometry✓ sine✓ cosine✓ tangent✓ hypotenuse✓ parallel✓ alternate✓ corresponding
6	Area, Perimeter and Volume	<ul style="list-style-type: none">✓ circles✓ radius✓ diameter✓ area✓ perimeter✓ volume✓ surface area✓ sector✓ arc length

Learning Area: Mathematics, Computing and Business

Subject: Maths

Year Group: 10



Term	Topic	Key Vocabulary
1	Algebra	<ul style="list-style-type: none">✓ quadratic✓ simultaneous✓ inequality✓ vertex✓ completing the square
2	Graphs and Transformations	<ul style="list-style-type: none">✓ velocity✓ gradient✓ perpendicular✓ midpoint✓ cubic✓ enlargement✓ translation✓ rotation✓ reflection✓ invariant
3	Percentages Shapes	<ul style="list-style-type: none">✓ repeated change✓ reverse percentage✓ congruent✓ similar✓ cone✓ frustum
4	Further Trigonometry and Statistics	<ul style="list-style-type: none">✓ functions✓ turning points✓ period✓ histogram✓ cumulative frequency✓ median
5	Graphs and equations	<ul style="list-style-type: none">✓ cubic✓ non-linear✓ intersection✓ roots✓ iteration
6	Circle Theorems	<ul style="list-style-type: none">✓ subtended✓ arc✓ segment✓ sector✓ circumference✓ alternate segment✓ tangent✓ chord

Learning Area: Mathematics, Computing and Business

Subject: Maths

Year Group: 11



Term	Topic	Key Vocabulary
1	Statistics and Graphs	<ul style="list-style-type: none">✓ histogram✓ cumulative frequency✓ median✓ cubic✓ non-linear✓ intersection✓ roots✓ iteration
2	Circle Theorems	<ul style="list-style-type: none">✓ subtended✓ arc✓ segment✓ sector✓ circumference✓ alternate segment✓ tangent✓ chord
3	Functions and Vectors	<ul style="list-style-type: none">✓ inverse✓ composite✓ function✓ variation✓ scalar✓ column
4	Revision	
5	Revision	

Learning Area: PE

Subject: Dance

Year Group: 7



Topic		Key Vocabulary
1	Introduction to Dance	<ul style="list-style-type: none">✓ action✓ space✓ dynamics✓ relationships✓ choreographic Devices✓ solo✓ duet✓ trio✓ quartet
2	Choreography	<ul style="list-style-type: none">✓ unison✓ canon✓ motif✓ phrase✓ formation
3	Performance Skills	<ul style="list-style-type: none">✓ focus✓ projection✓ musicality✓ timing✓ rhythm✓ expression
4	Performance and Expressive Skills	<ul style="list-style-type: none">✓ enjoyment✓ spatial Awareness✓ accompaniment✓ variety✓ mood
5	Guernica	<ul style="list-style-type: none">✓ Picasso✓ Guernica✓ choreography✓ contrast✓ visual stimuli
6	Choreography and Performance	<ul style="list-style-type: none">✓ technique✓ style✓ fluidity✓ structure✓ starting position✓ finishing position✓ precision

Learning Area: PE

Subject: Dance

Year Group: 8



Topic		Key Vocabulary
1	Choreographers and their Choreographic Style	<ul style="list-style-type: none">✓ choreographer✓ duet✓ Russell Maliphant✓ contact✓ improvisation✓ repetition
2	Choreographers and their Choreographic Style	<ul style="list-style-type: none">✓ lean✓ balance✓ tilt✓ dynamic quality✓ travel✓ static
3	Styles of Dance	<ul style="list-style-type: none">✓ style✓ genre✓ street dance✓ break dance✓ ballet✓ contemporary
4	Styles of Dance	<ul style="list-style-type: none">✓ krumping✓ lockin' and poppin'✓ tutting✓ posture✓ gesture
5	Project Rebel	<ul style="list-style-type: none">✓ stamina✓ coordination✓ strength✓ balance✓ stability✓ robotic
6	Adrenaline	<ul style="list-style-type: none">✓ facial Expression✓ sensitivity✓ agility✓ flexibility✓ formation✓ posture✓ alignment

Learning Area: PE

Subject: Dance

Year Group: 9



Topic		Key Vocabulary
1	Various Stimuli	<ul style="list-style-type: none">✓ action✓ space✓ devices✓ manipulate✓ devise✓ develop✓ create✓ visual✓ auditory✓ prop
2	Various Stimuli	<ul style="list-style-type: none">✓ picture✓ phrase✓ improvisation✓ choreograph✓ research✓ theme✓ narrative✓ stimulus
3	World Dance	<ul style="list-style-type: none">✓ Indian✓ Bollywood✓ Kathak✓ Hasta✓ African✓ Yoruba✓ Gumboot
4	World Dance	<ul style="list-style-type: none">✓ Kossak✓ Flamenco✓ Tango✓ Folk✓ Irish✓ location✓ position✓ traditional
5	The Audience and the Performer	<ul style="list-style-type: none">✓ focus✓ projection✓ timing✓ sensitivity✓ awareness✓ alignment✓ posture✓ intention
6	The Audience and the Performer	<ul style="list-style-type: none">✓ appreciation✓ critique✓ review✓ theatre✓ Proscenium Arch✓ site sensitive✓ accompaniment

Learning Area: PE

Subject: Dance

Year Group: 10



Topic		Key Vocabulary
1	Introduction to GCSE A Linha Curva	<ul style="list-style-type: none">✓ technical skills✓ expressive skills✓ physical skills✓ mental skills✓ Itzik Galili✓ choreographic devices✓ A Linha Curva✓ Rambert✓ choreographic intention✓ motif
2	Artificial Things	<ul style="list-style-type: none">✓ action✓ space✓ dynamic✓ relationships✓ aural setting✓ environment✓ structure✓ stimulus✓ alignment✓ balance
3	Emancipation of Expression	<ul style="list-style-type: none">✓ climax✓ constituent features✓ coordination✓ elevation✓ extension✓ expression✓ projection✓ breaking✓ krumping✓ waacking
4	Shadows	<ul style="list-style-type: none">✓ flexibility✓ focus✓ improvisation✓ levels✓ set phrases✓ breathe✓ flux✓ shift✓ scoop✓ lighting
5	Infra	<ul style="list-style-type: none">✓ mobility✓ musicality✓ narrative✓ pathways✓ phrase✓ posture✓ Wayne McGregor✓ repetition✓ retrograde
6	Within Her Eyes	<ul style="list-style-type: none">✓ rhythm✓ duet✓ trio✓ Rondo✓ binary✓ site sensitive✓ style✓ tactile✓ Ternary

Learning Area: PE

Subject: Dance

Year Group: 11



Topic		Key Vocabulary
1	Set Phrases A Linha Curva and Artificial Things	<ul style="list-style-type: none">✓ alignment✓ balance✓ coordination✓ control✓ flexibility✓ mobility✓ strength✓ stamina✓ extension✓ isolation
2	Performance in Duo/Trio Emancipation of Expression and Shadows	<ul style="list-style-type: none">✓ focus✓ musicality✓ projection✓ rhythm✓ action✓ timing✓ duet✓ trio✓ rehearsal✓ discipline✓ mental
3	Choreography- AQA Exam Task Within her Eyes and Infra	<ul style="list-style-type: none">✓ motif✓ development✓ manipulation✓ stimulus✓ research✓ improvisation✓ devices✓ retrograde✓ repetition✓ canon✓ complementary
4	Assessment of Practical Components (Choreography, Set Phrases and Performance in Duo/Trio)	<ul style="list-style-type: none">✓ Rondo✓ binary✓ Ternary✓ episodic✓ movement memory✓ sequence✓ direction✓ focus
5	Revision of Anthology Works	<ul style="list-style-type: none">✓ Itzik Galili✓ Rambert✓ Samba✓ site sensitive✓ comparison✓ aural setting✓ Proscenium✓ intention✓ lighting
6	Written Exam	<ul style="list-style-type: none">✓ costume✓ prop✓ set✓ choreographic approach✓ anthology✓ choreographic intention

Learning Area: PE

Subject: PE

Year Group: 10



Topic		Key Vocabulary
1	Muscular System	<ul style="list-style-type: none">✓ antagonistic Pairs✓ cartilage✓ gastrocnemius✓ latissimus dorsi✓ concentric✓ eccentric✓ isometric
2	Skeletal System	<ul style="list-style-type: none">✓ vertebrae✓ abduction✓ adduction✓ synovial fluid✓ humerus✓ phalanges✓ rotation
3	Cardiovascular System	<ul style="list-style-type: none">✓ thermoregulation✓ anaerobic zone✓ aorta✓ bradycardia✓ cardiac hypertrophy✓ vasoconstriction✓ vasodilation✓ vascular shunt✓ vena cava✓ diffusion
4	Respiratory System	<ul style="list-style-type: none">✓ spirometer✓ Inspiratory Reserve Volume✓ bronchioles✓ alveoli✓ trachea✓ sternocleidomastoid✓ diaphragm✓ intercostal
5	Mechanics of Movement	<ul style="list-style-type: none">✓ sagittal✓ longitudinal✓ transverse✓ fulcrum✓ resistance✓ mechanical advantage
6	Physical Training	<ul style="list-style-type: none">✓ specificity✓ fartlek✓ plyometric✓ quantitative✓ qualitative✓ normative✓ coordination✓ body composition

Learning Area: PE

Subject: PE

Year Group: 11



Topic		Key Vocabulary
1	Skill & Goalsetting	<ul style="list-style-type: none">✓ continuum✓ externally paced✓ acquisition
2	Psychology – Feedback, Guidance & Arousal	<ul style="list-style-type: none">✓ mechanical✓ extrinsic✓ intrinsic✓ kinaesthetic✓ psychological✓ optimal arousal✓ visualisation✓ imagery
3	Psychology – Personality, Aggression & Motivation	<ul style="list-style-type: none">✓ introvert✓ extrovert✓ intrinsic✓ extrinsic✓ indirect aggression
4	Sociocultural Influences – Engagement patterns, Sponsorship	<ul style="list-style-type: none">✓ commercialisation✓ discrimination✓ integration✓ prejudice✓ etiquette✓ gamesmanship
5	Revision of previous topics and terminology	

Learning Area: Science

Subject: Science

Year Group: 7



Term	Topic	Key Vocabulary
1	Organisms	<ul style="list-style-type: none">✓ cell✓ tissue✓ organ✓ cell membrane✓ nucleus✓ vacuole✓ cell wall✓ chloroplast✓ cytoplasm
2	Genes	<ul style="list-style-type: none">✓ variation✓ fertilisation✓ ovary✓ testicle✓ oviduct✓ uterus✓ reproductive system✓ penis✓ vagina✓ foetus
3	Forces	<ul style="list-style-type: none">✓ speed✓ average speed✓ weight✓ mass✓ non-contact force✓ relative motion✓ acceleration✓ gravitational field strength, g (N/kg)✓ field
4	Electromagnets	<ul style="list-style-type: none">✓ potential difference (voltage)✓ resistance✓ electrical conductor✓ electrical insulator✓ current✓ electrons✓ electrostatic force✓ in series✓ in parallel
5	Matter	<ul style="list-style-type: none">✓ particle✓ diffusion✓ density✓ evaporate✓ boil✓ condense✓ melt✓ freeze✓ dissolve✓ soluble (or insoluble)✓ mixture
6	Reactions	<ul style="list-style-type: none">✓ metals✓ non-metals✓ reactivity✓ pH✓ indicators✓ base✓ displacement✓ oxidation✓ concentration

Learning Area: Science

Subject: Science

Year Group: 8

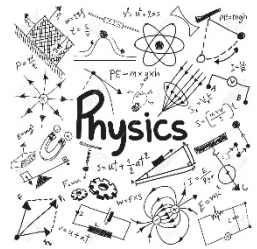


Term	Topic	Key Vocabulary
1	Organisms	<ul style="list-style-type: none">✓ trachea (windpipe)✓ alveoli✓ ribs✓ diaphragm✓ enzymes✓ dietary fibre✓ carbohydrates✓ lipids (fats and oils)✓ protein✓ stomach✓ small intestine✓ large intestine
2	Ecosystems	<ul style="list-style-type: none">✓ photosynthesis✓ aerobic respiration✓ anaerobic respiration✓ chlorophyll✓ stomata
3	Forces	<ul style="list-style-type: none">✓ Newton✓ resultant force✓ friction✓ tension✓ compression✓ contact force✓ fluid✓ pressure✓ upthrust✓ equilibrium
4	Electromagnets	<ul style="list-style-type: none">✓ electromagnet✓ magnetic force✓ permanent magnet✓ magnetic poles✓ solenoid✓ core
5	Matter	<ul style="list-style-type: none">✓ atom✓ chemical formula✓ periodic table✓ physical properties✓ chemical properties✓ groups✓ periods✓ molecules✓ compound✓ polymer
6	Earth	<ul style="list-style-type: none">✓ global warming✓ fossil fuels✓ greenhouse effect✓ carbon sink✓ natural resources✓ recycling✓ electrolysis

Learning Area: Science

Subject: Physics

Year Group: 9



Term	Topic	Key Vocabulary
1	Energy	<ul style="list-style-type: none">✓ kinetic✓ accelerate✓ energy✓ potential✓ gravitational✓ capacity✓ efficiency✓ resources✓ dissipation✓ conservation
2		
3		
4	Electromagnets	<ul style="list-style-type: none">✓ density✓ mass✓ volume✓ matter✓ condensing✓ subliming✓ melting✓ boiling✓ evaporation✓ physical✓ internal✓ latent✓ motion
5		
6		

Learning Area: Science

Subject: Biology

Year Group: 9–11



Topic		Key Vocabulary
1	B1: Cell Biology and Transport	<ul style="list-style-type: none">✓ active transport✓ cell membrane✓ concentration✓ diffusion✓ divide✓ eukaryotic✓ mitochondria✓ mitosis✓ osmosis✓ prokaryotic✓ ribosome✓ replicate✓ stem cells
2	B2: Cell organisation	<ul style="list-style-type: none">✓ active site✓ amylase✓ cardiovascular disease✓ catalyst✓ complementary✓ denature✓ lipase✓ non-communicable✓ protease✓ rate✓ risk factor✓ surface area✓ uncontrollable division
3	B3: Infection and Response	<ul style="list-style-type: none">✓ antibody✓ antigen✓ bacteria✓ barrier methods✓ communicable✓ complementary✓ fungus✓ pathogen✓ phagocytosis✓ prevent✓ protist✓ vaccination✓ virus✓ white blood cell
4	B4: Bioenergetics	<ul style="list-style-type: none">✓ aerobic✓ anaerobic✓ fermentation✓ glucose✓ heart rate✓ lactic acid✓ limiting factor✓ oxygen✓ photosynthesis✓ respiration

Learning Area: Science

Subject: Biology

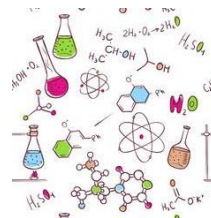
Year Group: 9–11

5	B5: Homeostasis and control	<ul style="list-style-type: none">✓ adrenaline✓ chemical neurotransmitter✓ effector✓ electrical impulse✓ gland✓ glucagon✓ glucose✓ glycogen✓ negative feedback✓ receptor✓ synapse✓ thyroxine
6	B6: Genetics and evolution	<ul style="list-style-type: none">✓ allele✓ amino acid sequence✓ base pair sequence✓ chromosome✓ dominant✓ double helix✓ gamete✓ gene✓ genotype✓ inherit✓ mitosis✓ meiosis✓ natural selection✓ phenotype✓ recessive triplet code
7	B7: Ecology	<ul style="list-style-type: none">✓ abiotic factor✓ adaptation (Behavioural, Functional and Structural)✓ biotic factor✓ combustion✓ competition✓ deforestation✓ ecosystem✓ eutrophication✓ extremophile✓ global warming✓ greenhouse gases✓ habitat✓ microorganisms✓ quadrat✓ respiration✓ transect line✓ valid sampling

Learning Area: Science

Subject: Chemistry

Year Group: 10

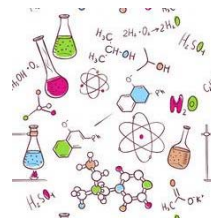


Topic		Key Vocabulary
1	Quantitative chemistry	<ul style="list-style-type: none">✓ relative formula mass✓ relative molecular mass✓ relative atomic mass✓ Avogadro constant✓ mole✓ limiting reactants✓ excess✓ gas volume✓ yield✓ atom economy
2	Chemical changes	<ul style="list-style-type: none">✓ titrations✓ dissociation✓ metal oxides✓ metal hydroxides✓ metal carbonates✓ reactivity series✓ displacement reactions✓ redox✓ reduction✓ electrolysis✓ electrodes✓ electrolyte✓ anion✓ cation✓ anode✓ cathode
3	Energy changes	<ul style="list-style-type: none">✓ exothermic✓ endothermic✓ reaction profile✓ activation energy✓ bond energy✓ fuel cells✓ batteries
4	Rates and Extent of reactions	<ul style="list-style-type: none">✓ collision theory✓ temperature✓ concentration✓ pressure✓ surface area✓ catalyst✓ precipitation✓ tangents✓ reversible reactions✓ equilibrium✓ Le Chatlier's Principle✓ decomposition

Learning Area: Science

Subject: Chemistry

Year Group: 11



Topic		Key Vocabulary
1	Organic Chemistry	<ul style="list-style-type: none">✓ hydrocarbons✓ alkanes✓ alkenes✓ alcohols✓ polymers✓ monomers✓ viscous✓ flammable✓ combustion✓ polymerisation✓ crude oil✓ fractional distillation✓ cracking✓ feedstock✓ fermentation✓ carboxylic acids✓ polyesters✓ amino acid
2	Chemical analysis	<ul style="list-style-type: none">✓ purity✓ formulation✓ mobile phase✓ stationary phase✓ Rf values✓ emission spectroscopy
3	Chemistry of the atmosphere	<ul style="list-style-type: none">✓ atmosphere✓ evolution✓ carbon sinks✓ greenhouse effect✓ global warming✓ climate change✓ algae✓ photosynthesis✓ respiration✓ carbon footprints✓ pollution✓ particulates

Learning Area: Science

Subject: Chemistry

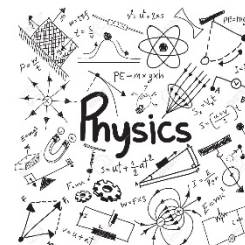
Year Group: 11

4	Using resources	<ul style="list-style-type: none">✓ ceramics✓ materials✓ composites✓ thermosetting✓ thermosoftening✓ alloys✓ corrosion✓ sustainability✓ finite✓ renewable✓ resources✓ bioleaching✓ phytomining✓ recycling✓ life cycle assessment✓ potable water✓ waste water✓ the Haber Process✓ ammonia✓ NPK fertilizers
5	Practical and math skills	<ul style="list-style-type: none">✓ uncertainty✓ percentage✓ mean✓ average✓ error✓ meniscus✓ equipment✓ standard form✓ ratios✓ data✓ graphs✓ nanometre✓ equation triangles

Learning Area: Science

Subject: Physics

Year Group: 10

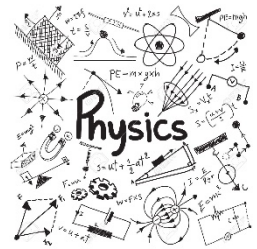


Term	Topic	Key Vocabulary
1	Energy	<ul style="list-style-type: none">✓ nucleus✓ nuclei✓ atomic✓ radius✓ isotope✓ alpha✓ beta✓ gamma✓ decay✓ half-life✓ contamination✓ irradiation
2		
3	Forces	<ul style="list-style-type: none">✓ scalar✓ vector✓ contact✓ gravity✓ resultant✓ displacement✓ velocity✓ spring constant✓ braking✓ reaction time✓ momentum
4		
5	Waves	<ul style="list-style-type: none">✓ transverse✓ longitudinal✓ frequency✓ wavelength✓ time period✓ electromagnetic✓ spectrum✓ oscillations✓ ionising✓ perpendicular✓ parallel
6		

Learning Area: Science

Subject: Physics

Year Group: 11



Term	Topic	Key Vocabulary
1	Magnetism	<ul style="list-style-type: none">✓ field✓ Flemming✓ attract✓ repel✓ rotation✓ poles✓ motor✓ strength✓ oppose
2		
3	Space (triple students ONLY)	<ul style="list-style-type: none">✓ nebula✓ supernova✓ pressure✓ fusion✓ Red Giant✓ Super Giant✓ dwarf✓ protostar✓ universe
4	Revision of all previous terms...	
5		
6		