



KCA Whole School Academic Curriculum

Our curriculum is at the heart of our school. Our core aim is to provide students with a wide variety of challenging opportunities both inside and outside of the classroom and we aim to provide a fully inclusive learning environment which celebrates being successful and working hard. We want our students to flourish as knowledgeable, committed and aspirational citizens who are ready to participate in a rapidly changing world. Kempston Challenger Academy believes that all children, irrespective of their starting point, are entitled to a broad and balanced curriculum. We offer a curriculum that is knowledge rich and enables students within the academy to fulfil their potential and develop all important skills and qualities that will prepare them for the next stage of their education; whether that be moving to the next key stage, university or employment and training.

Year 7 Curriculum

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Art	Word up – Context and composition Artists using words/letters in their art. Creating own pieces	Aliens – Colour & pattern. The work of Yinka Shanibare, creating sculptures from recycled materials with cultural patterns.	Still Life – Form, shade and tone. Art History periods	Food – painting, sculpture, composition and enlarging	Food – painting, sculpture, composition and enlarging	Architecture and buildings – 2D & 3D perspectives and patterns
Citizenship & RE	RE: Belief in God	PSHE and Citizenship: Internet safety & Anti Bullying Personal Safety Basic Drugs Awareness	RE: Sharing One World: Muslim and Sikhs in the 21 st century The Rise of Women Extremism Festivals	Citizenship and PSHE: Human Rights Personal Finance	PSHE: SRE including hygiene, periods & puberty, stereotypes	RE: Good and Evil
DT Hard	Health and Safety – Wood & Metal focus – pencil holder	Working with plastics – Sustainability - Hook	Working with plastics – Recycling – Social media keyring	Superhero/Animal - money box	CAD – Gadget tidy	CAD – Gadget tidy
DT Soft	Emoji cushions – fabric patterns, cutting and sewing.	Emoji cushions – fabric patterns, cutting and sewing.	Food safety: bacteria, hygiene, health & safety in the kitchen	Food – Healthy Eating, food choices, food labels, seasonality, Eatwell guide, modify recipes	Food – Cooking skills, knife skills, rubbing in method, melting method, sensory analysis & small equipment	Food – Cooking skills, knife skills, rubbing in method, melting method, sensory analysis & small equipment
English	Stone Cold novel – Homelessness Writer’s intention and dual narrative. Linked non-fiction texts	Sci-Fi Fantasy – Reading and Writing. Analysing extracts and picking out	Introduction to Shakespeare Macbeth	Shakespeare Villains – Power and Control. Props and Character theory - Media	19 th Century Extracts – Poverty and Social class – Victorian times	Non Fiction writing
Geography	Map skills: height, relief, scale, symbols	Rocks: soil, Earth’s structure, fossils, weathering, fracking	Climate change: causes Human & Physical, adaptation, Agreements	Indian Subcontinent: mega cities, tourism, population, Monsoon season, shanty towns	Rivers: processes, features, drainage basins, hard & soft management	Coasts, processes, features – erosion & deposition, hard & soft engineering
History	Life in the 1500s: Feudal system & ethnic minorities	Holocaust: Stereotypes, decisions & causes	Forms of government: values democracy.	World War 1: conscientious objectors, life in the trenches	Women: rights & women suffragettes	Skills of a historian: understanding sources,

						Jack the Ripper case study
ICT	Microsoft Word: typing, formatting, mail merge	Microsoft PowerPoint: formatting, animations & transitions, timers	Microsoft Excel: calculations, formatting, rules, functions, creating tables	Microsoft Access: calculations, formatting, rules, functions, creating tables	E Safety: safe social media, chat rooms.	Basic Computing: securing websites, binary logic, binary & denary, basis of Python
Languages	French – School and Subjects	French – Describing yourself & others - physically	French – Paris and the Past Tense	French – Holidays and the Future Tense	French – Holidays and the Conditional Tense	French – Media TV and Film
Maths	Algebraic Thinking - Sequences, understanding and using algebraic notation, equality and equivalence	Place Value and Proportion - Place value and ordering integers and decimals, fractions decimals and percentage equivalence,	Application of Number - Solving problems with addition and subtraction, solving problems with multiplication and division fractions and percentages of amounts.,	Directed Number and Fractional Thinking - Four operations with directed number, Addition and subtraction of fractions.	Lines and Angles - Constructing measuring and using geometric notation, developing geometric reasoning	Reasoning with Numbers - Developing number sense, sets and probability, prime numbers and proof.
Music	Rhythm & Pulse	Introduction to Musical Theatre & melody	Musical Theatre & composition	Blues, Reggae & Chord sequence	Music for special occasions & sight reading	Music for special occasions & sight reading
Performing Arts	Drama toolbox – Working together, Body Language, Facial Expressions, Characterisation, Devising, Narration, Winter showcase Devising Project.	Drama toolbox – Working together, Body Language, Facial Expressions, Characterisation, Devising, Narration, Winter showcase Devising Project.	The Wonderful Roald Dahl – Matilda, “When I grow up”, Revolting Rhymes, The Twits, Circus Performance, Charlie & The Chocolate Factory	The Wonderful Roald Dahl – Matilda, “When I grow up”, Revolting Rhymes, The Twits, Circus Performance, Charlie & The Chocolate Factory	Devising & Performing	Devising & Performing
PE	Orienteering / Football / Netball / Badminton / HRF	Orienteering / Football / Netball / Badminton / HRF	Handball/ HRF/Uni hoc/Tag rugby/Basketball/OAA	Handball/ HRF/Uni hoc/ Tag rugby/Basketball	Athletics/Vball/rounders /cricket/ / Softball / Foot golf	Athletics/Vball/rounders /cricket/ / Softball / Foot golf
Science	Cell Tissue – Organs and Systems Mixture and Separation	Mixture and Separation Energy	Sexual Reproduction Acids and Alkalis	Acids and Alkalis Current and Electricity	Ecosystems Sound	Sound & The Particle Model– Atoms, Elements and Compounds

Year 8 Curriculum

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Art	Selfies and the Day of the Dead	Selfies and the Day of the Dead	Selfies and the Day of the Dead	Food – painting, sculpture, composition and enlarging	Food – painting, sculpture, composition and enlarging	Food – painting, sculpture, composition and enlarging
Citizenship & RE	RE: Life and Death	Citizenship and PSHE: Drugs, Risky Behaviours, Anti Bullying	RE: Buddhism	Citizenship: Democracy	PSHE: SRE including relationships, wellbeing and puberty	Citizenship and RE: Extremism and Radicalisation
DT Hard	Pop Art inspired Storage box	Pop Art inspired Storage box	Corporate identity Logos – Sweet Shop	Sweet dispenser	Emoji Design	Headphone Wrap Design
DT Soft	The 3 Rs – Reduce, Reuse, Recycle, health & safety, machine embroidery, environmental issues, sustainability	The 3 Rs – Reduce, Reuse, Recycle, health & safety, machine embroidery, environmental issues, sustainability	Food – Nutrition and Multicultural Foods, food poisoning, different cultures, special diets & religion, cooking skills	Food – Nutrition and Multicultural Foods, food poisoning, different cultures, special diets & religion, cooking skills	Food – Nutrition and Multicultural Foods	Food – Nutrition and Multicultural Foods
English	WW1 – Private Peaceful Novel Context linked to life in the trenches. Analysing the structure and language of the writer	Creative writing and poetry Studying a range of WW1 poetry and producing some creative writing based on WW1 experiences	Shakespeare – A Midsummer Night’s Dream The Globe	Shakespeare – A Midsummer Night’s Dream Globe – Minor Characters	Of Mice and Men – 1930s American Context Analysing structure and language used by the writer. Focusing on key themes of prejudice and loneliness	Protest Writing – Prejudice, Racism, Discrimination. Rosa Parks, Nelson Mandela.
Geography	Weather & climate: clouds, UK, extreme weather, measuring & fieldwork.	North America: Monserrat, Katrina, population, farming, Las Vegas & water.	Africa: mapping, development, rainforests, deforestation, Kiberia, Challenges & Opportunities	Conflict: Diamonds, Dharavi Slums, Child Soldiers, Israel-Gaza, Dams, Somali Pirates, Heroin	Food & Water: Food Vs Fuel, insecurity, management, strategies, changes over time	Wildfires: effects, causes: human & physical, reducing the damage, climate change
History	Monarchy: Lancastrians & Yorkists, decisions & impact	Genocide: China, Rwanda and Bosnia, Human cost	Governments and Communism	WW1	Suffrage: Emancipation	Industry and Empire

ICT	Microsoft Word: creating reports, inserting, advanced tools	Microsoft Word: creating reports, inserting, advanced tools	Multimedia Design: bitmap tools, design ideas, vector images, design principles	Multimedia Design: bitmap tools, vector images, design principles. Project planning.	Web Development: Dreamweaver, creating links, inserting images	Web Development: Dreamweaver, applying effects
Languages	French – Describing friends – Saying what you do with your friends	French – Where I live, describing the house and rooms	French – Social life	French – My future – Jobs and Careers	French – My Future – Careers and the Importance of Language	Introduction to Spanish
Maths	Proportional Reasoning - Ratio and scale, multiplicative change, multiplying and dividing fractions.	Representations - Working in the Cartesian plane, representing data, tables and probability.	Algebraic Techniques - Brackets equations and inequalities, sequences, indices	Developing Number - Fractions and percentages, standard index form, number sense.	Developing Geometry - Angles in parallel lines and polygons, area of trapezia and circles, line symmetry and reflection.	Reasoning with Data - The data handling cycle, measures of location.
Music	Compositional skills: horror theme. Chords & elements	Compositional skills: horror theme. Chords & elements	Reading scores: analyse sounds & instruments, Rests & key signatures	Reading scores: analyse sounds & instruments, Rests & key signatures	Protest music: Motown, Rap, Hip Hop. Lyric writing & techniques	Protest music: Motown, Rap, Hip Hop. Lyric writing & techniques
Performing Arts	WW11 – Anne Frank, The Anne Diaries – Group Performance	WW11 – Anne Frank, The Anne Diaries – Group Performance	The Case of Missing Katie Barnes – The Suspects, The Last Text, Getting to know, Developing Characters, Cluedo, Case Brief, The Murder.	The Case of Missing Katie Barnes – The Suspects, The Last Text, Getting to know, Developing Characters, Cluedo, Case Brief, The Murder.	Musical Theatre – Devising and Improvisation – Death of a Salesman – Of Mice and Men	Musical Theatre – Devising and Improvisation – Death of a Salesman – Of Mice and Men
Physical Education	Orienteering / Football / Netball / Badminton / HRF	Orienteering / Football / Netball / Badminton / HRF	Handball/ HRF/Uni hoc/ Tag rugby/Basketball	Handball/ HRF/Uni hoc/ Tag rugby/Basketball	Athletics/Vball/rounders /cricket/ / Softball / Foot golf	Athletics/Vball/rounders /cricket/ / Softball / Foot golf
Science	Food and Nutrition Plants and Reproduction Combustion	Combustion Fluids and Light	Breathing and Respiration The Periodic Table Metals and their uses	The Periodic Table Metals and their uses Energy Transfer	Uncellular Organisms Rocks	Rocks The Earth and Space

Year 9 Curriculum

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Citizenship & RE	RE: Philosophical debates:	Citizenship: Justice system Careers unit PSHE: Personal Finance	PSHE/SRE: Medical Ethics, Sexting, Abortion	Citizenship and PSHE: Mental wellbeing Knife Crime	PSHE/SRE controversial topics	SRE/PSHE: grooming, abuse, trafficking, pornography, contraception RE: Peace and Conflict
English	A Christmas Carol: Victorian literature, poverty & social inequality, Charles Dickens & writer's intention	A Christmas Carol: Victorian literature, poverty & social inequality, Charles Dickens & writer's intention	An Inspector Calls: writer's intention, Socialism Vs Capitalism, Inequalities in society, social responsibility	An Inspector Calls: writer's intention, Socialism Vs Capitalism, Inequalities in society, social responsibility	Dystopia: values in society, analysis of a range of extracts from dystopian texts. Language paper 1 skills	Poetry: form & structure, devices, intention, other cultures & traditions
Geography	Climate change: causes, mitigation & adaptation, Greenhouse effect, Bangladesh, Thunberg	Settlement: rural Vs Urban, DTM, migration, urbanisation, traffic management, Grenfell	Glaciation: Ice Age, formation, processes, human use, human impacts, ice today	Development: classification, pop pyramid, dev gap, strategies, causes & consequences, Jamaica	Tectonic plates: boundaries, structure, Nepal, Haiti, Christchurch, reducing risk, living with the risk	Tectonic plates: boundaries, structure, Nepal, Haiti, Christchurch, reducing risk, living with the risk
History	Freedom: Migration, prejudice	Conflict: Political causes, Falklands, Iran, IRA	Vietnam: USA, Communism, north & South division	Palestine & Israel: Judaism, Islam, causation & change	Women in Britain: Feminism, fashion, women at war, Swinging sixties, politics	Skills of a historian: bias, judgement, source analysis, interpretations, conclusions
Languages	My life/ my family	Free time	Free time/ School	School / my town	My town	Holidays
Maths	Reasoning With Algebra - Straight line graphs, forming and solving equations, testing conjectures	Constructing in 2 and 3 Dimensions - Three dimensional shapes, constructions and congruency	Reasoning With Number - Numbers, using percentages, maths and money.	Reasoning With Geometry - Deduction, rotation and translation, Pythagoras' Theorem.	Reasoning With Proportion - Enlargement and similarity, solve ratio and proportion problems, rates.	Representations - Solving problems using graphs, tables and algebra

Physical Education	Badminton / Netball / football / OAA / Striking and fielding / Fitness / Volleyball	Badminton / Netball / football / OAA / Striking and fielding / Fitness / Volleyball	Basketball / sport leaders / Handball / Dodgeball / Unihoc / Volleyball	Basketball / sport leaders / Handball / Dodgeball / Unihoc / Volleyball	Athletics / Rounders / Volleyball / Softball / Foot golf BTEC SPORT intro - Anatomy and Physiology	Athletics / Rounders / Volleyball / Softball / Foot golf BTEC SPORT intro - Anatomy and Physiology
Science	Cells / States of matter and separating and purifying substances	Motion / Forces and motion	Cells and control / Atomic Structure and the periodic table	Energy Forces and their effects	Genetics	Bonding and structure /

	Rotation 1	Rotation 2
Art	Insects turning 2D into 3D	The Human Form – capturing movement in Art
Business	Basics of Finance, why start an enterprise?	Business planning, Basics of Marketing
Creative Media	Representation, Audience, Institution & Language – skill development	Representation, Audience, Institution & Language – skill development
DT-Food	Careers, food prep skills, food safety & risk assessments, nutritional analysis, the industry	Careers, food prep skills, food safety & risk assessments, nutritional analysis, the industry
DT-Hard	Electronics & components, soldering & circuit building, vacuum forming, Graphical techniques	Electronics & components, soldering & circuit building, vacuum forming, Graphical techniques
Health & Social care	Communication skills, settings, service users	Communication skills, settings, service users
ICT	User interface design & design principles	Accessibility requirements & project planning techniques
Music	Practical skills & the Music sequencing, instruments, loops, input, timing & rhythm	Practical skills & the Music Industry: composing & sequencing, reviewing progress, the role of the producer, copyright & feedback.
Performing Arts	Key Skills, scripted, improvising and Physical theatre.	Key Skills, scripted, improvising and Physical theatre.

Year 10 Curriculum

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Art	Circles: Still life of circular objects (oranges, bubbles, kiwi, eyes etc.) -linked to artists and developing own outcomes	Circles: Still life of circular objects (oranges, bubbles, kiwi, eyes etc.) -linked to artists and developing own outcomes	Circles: Still life of circular objects (oranges, bubbles, kiwi, eyes etc.) - linked to artists and developing own outcomes	Me Myself and I – how do we portray identity through Art & self-portraits – showing emotions	Me Myself and I – how do we portray identity through Art & self-portraits - showing emotions	Me Myself and I – how do we portray identity through Art & self-portraits - showing emotions
Business	Characteristics of Enterprise: what is enterprise, types & purpose, entrepreneurs. Unit 1 Aim A	Characteristics of Enterprise: what is enterprise, types & purpose, entrepreneurs. Unit 1 Aim A	Market research: customers’ needs, competitors, types of market research Unit 1 Aim B	Market research: customers’ needs, competitors, types of market research Unit 1 Aim B	Enterprise Success: internal & external factors, measuring success. Unit 1 Aim C	Enterprise Success: internal & external factors, measuring success. Unit 1 Aim C
Citizenship	RE: Philosophical debates:	Citizenship: Justice system Careers unit PSHE: Personal Finance	PSHE/SRE: Medical Ethics, Sexting, Abortion	Citizenship and PSHE: Mental wellbeing Knife Crime	PSHE/SRE controversial topics	SRE/PSHE: grooming, abuse, trafficking, pornography, contraception RE: Peace and Conflict
Creative Media	Exploring media products	Exploring media products	Exploring media products	Developing digital media production skills	Developing digital media production skills	Developing digital media production skills
Hospitality & Catering	Unit 1 : LO1 Understand the environment in which hospitality and catering providers operate	Unit 1: LO2 Understand how hospitality and catering provisions operate	Unit : LO3 Understand how hospitality and catering provision meets health and safety requirements	Unit 1: LO4 Know how food can cause ill health Revision	Unit 1: LO5 Be able to propose a hospitality and catering provision to meet specific Requirements. Revision	Unit 1 exam Introduction to Unit 2
DT GCSE	Theory Unit 1 & Practical materials testing	Theory Unit 2 & Practical materials testing	Theory Unit 3 & NEA Trial Run	Theory Unit 3 & NEA Trial Run	Theory Unit 4 & NEA Trial Run	Theory Unit 3 & NEA Trial Run
English	Language skills: analysing, retrieving relevant info, language & structure	Romeo & Juliet: Elizabethan England: Analyzing plot, language,	Romeo & Juliet: Elizabethan England: Analysing plot, language,	Language: persuasive viewpoint & perspective, DAFOREST techniques,	Language: persuasive viewpoint & perspective, DAFOREST techniques,	Spoken language: engagement, structuring an effective speech, rhetorical devices

	techniques, evaluation of methods.	structure & dramatic devices. Links to context	structure & dramatic devices. Links to context	comparing views & perspectives	comparing views & perspectives	
Geography	Rivers: Profiles, features, fluvial processes, hydrographs, hard & soft management	UK Economy: industrialisation, rural change, transport & infrastructure, North Vs South	UK Economy: industrialisation, rural change, transport & infrastructure, North Vs South	Tropical Storms: where & how, effects, reducing the effects, climate change, global atmospheric circulation	Weather hazards: global atmospheric circulation, snow & low temps, Somerset floods	Energy: insecurity, sustainability, Nepal, renewable, Dash for the Gas, Global distribution. Food & water in the UK
Health & social care	Communication in a setting, personal qualities that contribute to effective care. RO22	Communication in a setting, personal qualities that contribute to effective care. RO22	Development & protection of young children, risk assessments, milestones: physical, intellectual & language development RO28	Development & protection of young children, risk assessments, milestones: physical, intellectual & language development RO28	Development & protection of young children, risk assessments, milestones: physical, intellectual & language development RO28	Nutrients for good health: dietary needs in each life stage RO29
History	Weimar Nazi Germany	Weimar: Hitler & dictatorship	Elizabeth 1st: Early Reign	Elizabeth 1 st : government & religion, home & abroad	Cold war: causes and changes	Cold war: end of the cold war
ICT	User Interface Design: Types, Audience needs, factors affecting choices Unit 1A	User Interface Design: speed & performance, design principles Unit 1A	Project planning: initial designs, project plans Unit 1B	Develop and review a user interface 1C	Develop & Review Interface: produce, use, review suitability, refine design, data unit 2A	Develop & Review Interface: Data inc. collection, quality & representation, threats Unit 2A
Languages Spanish	School	Technology & Free time	Holidays	Holidays	Food	Work/ my future/Careers
Maths	Similarity - Congruence similarity and enlargement, Trigonometry.	Developing Algebra - Representing solutions of equations and inequalities, simultaneous equations.	Geometry - Angles and bearings, working with circles, vectors	Proportions and Proportional Change - Ratios and fractions, percentages and interest, probability.	Delving Into Data - Collecting, representing and interpreting data.	Using Number - Non-calculator methods, types of number and sequences, indices and roots.
Music	Managing a music product: plan, develop & deliver, promote & review Unit 2	Managing a music product: Artist intention, Soundtrap, time management Unit 2	Managing a music product: Step time skills, note positioning, alter pitch, import midi Unit 2	Music production using software: mono Vs stereo, bouncing, duration, looping regions Unit 7	Music production using software: Instruments, mastering techniques, note velocity Unit 7	Music production using software: Quantizing, software mixer, EQ techniques, effects, preset Unit 7

Performing Arts	Component 1: Exploring the Performing Arts- The Curious Incident (Frantic Assembly), I love you mum I promise I won't Die (Mark Wheeler). DNA.(Stanislavski)	Component 1: Exploring the Performing Arts- The Curious Incident (Frantic Assembly), I love you mum I promise I won't Die (Mark Wheeler). DNA.(Stanislavski)	Component 1: Exploring the Performing Arts- The Curious Incident (Frantic Assembly), I love you mum I promise I won't Die (Mark Wheeler). DNA.(Stanislavski)	Component 1: Exploring the Performing Arts- The Curious Incident (Frantic Assembly), I love you mum I promise I won't Die (Mark Wheeler). DNA.(Stanislavski)	Component 2: Developing Skills and techniques in the Performing Arts. Script, costumes, Set Design and skills workshops.	Component 2: Developing Skills and techniques in the Performing Arts. Script, costumes, Set Design and skills workshops.
Physical Education	Badminton / Netball / Football / OAA / Striking and fielding	Badminton / Netball / Football / OAA / Striking and fielding	Basketball / Uni hoc / Pop Lacrosse / Handball / Capture the flag / HRF	Basketball / Uni hoc / Pop Lacrosse / Handball / Capture the flag / HRF	Athletics / Rounders / Volleyball / Softball / Foot golf	Athletics / Rounders / Volleyball / Softball / Foot golf
Sport Studies	Anatomy & Physiology - Muscular Skeletal systems / Cardio & Respiratory systems - Effect sport has on each	Cardio & Respiratory systems - Effect sport has on each - Injuries in Sport - major and minor / signs and symptoms and treatments.	Technology in Sport - Types of technology / positive and negative for Coach / Player /Official	Technology in Sport - Types of technology / positive and negative for Coach / Player /Official	Exam unit - Fitness components / fitness Testing	Exam units - Psychological factors and Diet
Science	Natural Selection and Genetic Modification	Acids and Alkalis / Waves	Health and disease / Calculations involving masses	Light and the Electromagnetic spectrum	Plant structures and the functions/ Electrolytic processes	Reversible Reactions and equilibria / Radioactivity

Year 11 Curriculum

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
Art	Concealment: realising intentions, building a portfolio	Concealment: realising intentions, building a portfolio	Concealment: realising intentions, building a portfolio	Exam unit: portfolio & linking artists work to your work.	Exam unit: portfolio & linking artists work to your work.
Business	Financial planning & forecasting, financial records, methods of promotion Unit: Exam	Financial planning & forecasting, financial records, methods of promotion Unit: Exam	Financial planning & forecasting, financial records, methods of promotion Unit: Exam	Micro business activity: ideas, implementation plan, presenting a business pitch Unit 2 Aim A&B	Micro business activity: audience feedback, reviews of plans & personal performance Unit 2 Aim C
Creative Media	Creating a media product in response to a brief	Creating a media product in response to a brief	Creating a media product in response to a brief	Creating a media product in response to a brief	Submission
DT GCSE	Theory Unit 5 & NEA Section A & B	Theory Unit 6 & NEA Section A & B	Theory Recap & NEA Section C & D	Theory Recap & NEA Section E & F Exam prep	GCSE exams
English	Language paper 1 and 2 practise in preparation for mock exams	Academic writing Literature retrieval	Revision & exam prep: key texts & language skills	Revision & exam prep: key texts & language skills	GCSE Exams
Hospitality & Catering	Unit 2 Hospitality and Catering in Action - introduction	Unit 2 Hospitality and Catering in Action -Research	Unit 2 Hospitality and Catering in Action - Controlled Assessment	Submission of Unit 2	Unit 1 opportunity to retake exam
Geography	Coasts & fieldwork: processes, features (erosion & deposition), Holderness, hard & soft engineering, managed retreat	Urbanisation: challenges & opportunities, Traffic, UK cities & Bristol, urbanisation, Curibita, Lagos, sustainable urban living	Nigeria & Economic World: context, aid, global importance, economic structure, environmental issues, quality of life, Shell: Oil & TNCs	Ecosystems & Rainforests: characteristics, global ecosystems, changes affecting ecosystems, deforestation: causes & impact, managing rainforests sustainably	Hot deserts: characteristics, opportunities & challenger for development, desertification & causes, reducing desertification
Health & social care	Nutrients for good health: produce nutritional meals for specific dietary requirements RO29	Nutrients for good health: produce nutritional meals for specific dietary requirements RO29	Values of care: personal hygiene, safety & security measures, applying values of care, individual rights & legislation impacts on care settings. RO21	Values of care: personal hygiene, safety & security measures, applying values of care, individual rights & legislation impacts on care settings. RO21	Values of care: personal hygiene, safety & security measures, applying values of care, individual rights & legislation impacts on care settings. RO21

History	Crime & punishment: Medieval & Early Modern England	Crime & Punishment: To present times Whitechapel depth study	Revision of topics	Revision of topics	Revision of topics
ICT	Modern technologies, cyber security, wider digital systems, planning & communication of digital systems Exam	Modern technologies, cyber security, wider digital systems, planning & communication of digital systems Exam	Modern technologies, cyber security, wider digital systems, planning & communication of digital systems Exam	Date modelling: dashboard creation, presentation & understanding, conclusions with data Unit 2B & 2C	Date modelling: dashboard creation, presentation & understanding, conclusions with data Unit 2B & 2C
French	Customs and festivals in France	Healthy lifestyles	Exam skills School/ my future	Exam skills School/ my future	12 topic revision
Spanish	Customs and festivals in Spanish-speaking countries	Healthy lifestyles	Exam skills School/ my future	Exam skills School/ my future	12 topic revision
Maths	Graphs - Gradients and lines, non-linear graphs, using graphs.	Algebra - Expanding and factorising, changing the subject, functions.	Reasoning - Multiplicative, geometric and algebraic.	Revision and Communication - Transforming and constructing, listing and describing, show that ...	Revision and Exam Preparation
Music	The Music Industry: Venues, health & safety, magnets, marketing Exam	The Music Industry: Recording companies, PRS-MCPS, licensing Exam	The Music Industry: Unions, Artist representation, broadcast, publishing, differences: writer, composer & artist Exam	Music Practice: Performance skills, rhythm & timing, instrument & singing tuition, repertoire, sight reading, final performance Unit 5	Music Practice: Performance skills, rhythm & timing, instrument & singing tuition, repertoire, sight reading, final performance Unit 5
Performing Arts	Component 2: Developing Skills and techniques in the Performing Arts. Script, costumes, Set Design and skills workshops.	Component 2: Developing Skills and techniques in the Performing Arts. Script, costumes, Set Design and skills workshops.	Component 3: Responding to a Brief. Exam unit, 3 milestone logs and a workshop performance.	Component 3: Responding to a Brief. Exam unit, 3 milestone logs and a workshop performance.	Component 3: Responding to a Brief. Exam unit, 3 milestone logs and a workshop performance.
Sports Studies	Leader attributes Benefits of performance	Lesson planning / Delivery of lessons	Lesson planning // Delivery of lessons	Evaluating of the lesson Coursework catch up	Evaluating of the lesson Coursework catch up
Science	Animal Coordination control and homeostasis/ Rates of reaction heat energy and chemical reactions	Electricity and circuits, magnetism and the motor effect / Exchange and transport in animals	Ecosystems and materials cycles/Fuels and atmosphere/Particle model/ forces and matter	Revision and Exam preparation and skills consolidation	GCSE Exams

Sixth form Curriculum

Year 12

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Art	Unit 3:The Creative Process-cwk	Unit 3:The Creative Process-cwk	Unit 3:The Creative Process-cwk	Unit 3:The Creative Process-cwk	Unit 1 Exam: Visual Recording and Communication	Unit 1 Exam Visual Recording and Communication
Business Level 3	Unit 1 Exploring Business Unit 3 Personal and Business Finance	Unit 1 Exploring Business Unit 3 Personal and Business Finance	Unit 1 Exploring Business Unit 3 Personal and Business Finance	Unit 1 Exploring Business Unit 3 Personal and Business Finance	Unit 1 Exploring Business Unit 3 Personal and Business Finance	Unit 1 Exploring Business Unit 3 Personal and Business Finance
Business Level 2	Unit 1 the Business Enterprise Environment Unit 2 Researching a concept for a new or revised product	Unit 1 the Business Enterprise Environment Unit 2 Researching a concept for a new or revised product	Unit 1 the Business Enterprise Environment Unit 3 Promoting and financing an enterprise idea	Unit 3 Promoting and financing an enterprise idea Unit 4 planning and pitching an enterprise idea	Unit 3 Promoting and financing an enterprise idea Unit 4 planning and pitching an enterprise idea	Unit 3 Promoting and financing an enterprise idea Unit 4 planning and pitching an enterprise idea
Creative Media	Media representation: motion picture analysis	Media representation: motion picture analysis	Production Portfolio: fiction films & ideas, analysis	Production Portfolio: fiction films & ideas, analysis	Productions: Audience, language, formats, purpose	Productions: Audience, language, formats, purpose, idea generation
DT Hard	Theory Unit 1 & Practical materials testing	Theory Unit 2 & Practical materials testing	Theory Unit 3 & NEA Trial Run	Theory Unit 3 & NEA Trial Run	Theory Unit 4 & NEA Trial Run	Theory Unit 3 & NEA Trial Run
Food Science & Nutrition	Unit 1 : Meeting nutritional needs of specific groups Unit 2: Ensuring food is safe to eat	Unit 1 : Meeting nutritional needs of specific groups Unit 2: Ensuring food is safe to eat	Unit 1 : Meeting nutritional needs of specific groups Mock exam Unit 2: Ensuring food is safe to eat	Unit 1 : Meeting nutritional needs of specific groups Controlled Assessment & practical exam Unit 2: Ensuring food is safe to eat	Unit 1 : Meeting nutritional needs of specific groups Internal Assessment completed Revision	Unit 1 External Exam Prepare research for Unit 3 or 4
English	The Tempest The Bloody Chamber	The Tempest The Bloody Chamber	Seamus Heaney poetry The History Boys	Seamus Heaney poetry The History Boys	Coursework - comparing poetry	Coursework - comparing two novels

Maths	A Level - Algebraic Expressions Quadratics Equations and Inequalities Graphs and Transformations Straight Line Graphs Core Maths -	A Level - Circles Algebraic Methods The Binomial Expansion Trigonometry Ratios Trigonometry Identities and Equations. Core Maths -	A Level - Vectors Differentiation Integration Exponentials and Logarithms Core Maths -	A Level - Data Collection Measures of Location and Spread Representations of Data Correlation Probability Statistical Distributions Hypothesis Testing Core Maths -	A Level - Modelling in Mechanics Constant Acceleration Forces and Motion Variable Acceleration Core Maths -	A Level - Review and Revise Core Maths -
Performing Arts		Unit 2- Developing Skills and Techniques for Live Performance.	Unit 1- Investigating Practitioners' work. Exam unit. Unit 2- Developing Skills and Techniques for Live Performance.	Unit 1- Investigating Practitioners' work. Exam unit. Unit 28- Variety Performance	Unit 28- Variety Performance	Unit 28- Variety Performance
Politics	Democracy and participation Political parties Electoral systems	Voting behaviour and the media The constitution	Parliament	Prime Minister and the Executive	Relationships between the branches of Government Liberalism Conservatism	Socialism Anarchism Ecologism Feminism Multiculturalism Nationalism
Psychology	Core studies Research methods	Core studies Research methods	Core studies Research methods	Core studies Research methods/Revision	Areas and perspectives Debates	Areas and perspectives Revision
Sport Studies	Unit 2 - Positive and negative lifestyle factors Components of fitness Training methods	Lifestyle modification techniques Health monitoring tests Balanced diet / nutritional strategies Goal Setting Principles of training Periodisation	<u>Unit 2 Exam</u> Unit 3 start - careers in sport Training legislation and skills Skills audit / record of achievement / personal development	Job interview technique Job applications Review and evaluate job applications SWOT analysis Development action planning	Coursework catch up / completion	

Biology	Foundations in biology / Basic component of living systems	Biological molecules / Enzymes / plasma membranes / cell division	Exchange surfaces & breathing / transport in animals / transport in plants	Classification & Evolution	Biodiversity	Communicable diseases
Chemistry	Development of practical skills in chemistry/ Atoms ions and compounds/ Amount of substances	Acids & Redox / Electrons and bonding/ shapes of molecules and intermolecular forces	Periodicity / Reactivity trends/ enthalpy/ reaction rates and equilibrium	Basic Concepts of organic chemistry / Alkanes / Alkenes /	Alcohols / Halo alkanes	Organic synthesis / Spectroscopy

Year 13 Curriculum

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
Art	Unit 12-Fine Art Materials, Techniques and Processes-cwk	Unit 12-Fine Art Materials, Techniques and Processes-cwk	Unit 12-Fine Art Materials, Techniques and Processes-cwk	Unit 12-Fine Art Materials, Techniques and Processes-cwk	Unit 2 Exam: Critical and Contextual Studies in Art and Design
Business Level 3 Part 1	Unit 2 Developing a Marketing Campaign Unit 8 Recruitment and Selection Process	Unit 2 Developing a Marketing Campaign Unit 8 Recruitment and Selection Process	Unit 2 Developing a Marketing Campaign Unit 8 Recruitment and Selection Process	Unit 2 Developing a Marketing Campaign Unit 8 Recruitment and Selection Process	Unit 2 Developing a Marketing Campaign Unit 8 Recruitment and Selection Process
Business Level 3 Part 2	Unit 1 Exploring Business Unit 23 The English Legal System	Unit 1 Exploring Business Unit 23 The English Legal System	Unit 1 Exploring Business Unit 23 The English Legal System	Unit 1 Exploring Business Unit 23 The English Legal System	Unit 1 Exploring Business Unit 23 The English Legal System
Creative Media	Responding to a commission	Responding to a commission	Film production (Fiction): Narrative, visuals, genre & audience	Film production: textual analysis – micro analysis	Film production: production & post production & evaluation
DT Hard	Theory Unit 5 & NEA Section A & B	Theory Unit 6 & NEA Section A & B	Theory Recap & NEA Section C & D	Theory Recap & NEA Section E Exam prep	Theory Recap & NEA Section E Exam prep
Food Science & Nutrition	Unit 3 Experimenting to solve food production problems or Unit 4 Current issues in food science and nutrition Practise task	Unit 3 Experimenting to solve food production problems or Unit 4 Current issues in food science and nutrition Internal Assessment	Unit 2: Ensuring food is safe to eat	Unit 2: Ensuring food is safe to eat Revision	Unit 2: Ensuring food is safe to eat Exam
English	Chaucer - The Merchant's Tale A Doll's House	Chaucer - The Merchant's Tale Dracula	Exam prep Revision of key texts The Tempest; The Merchant's Tale; A Doll's House	Exam prep Revision of key texts The Tempest; The Merchant's Tale; A Doll's House	Exam prep Revision of key texts The Tempest; The Merchant's Tale; A Doll's House

Finance	Unit 3 Sustainability of an Individual's Finances	Unit 3 Sustainability of an Individual's Finances	Unit 3 Sustainability of an Individual's Finances Unit 4 Sustainability of the Financial Services System	Unit 4 Sustainability of the Financial Services System	Unit 4 Sustainability of the Financial Services System
Health and social care Extended Certificate	Unit 2 Equality & Diversity	Unit 2 Equality & Diversity	Unit 1 Building positive relationships Unit 10 Nutrition for health	Unit 1 Building positive relationships Unit 10 Nutrition for health	Unit 1 Building positive relationships Unit 10 Nutrition for health
Health and social care Diploma	Unit 6 Personalisation Unit 14 The impact of long-term physiological conditions	Unit 6 Personalisation	Unit 5 Infection control	Unit 5 Infection control	Unit 5 Infection control
History	Coursework The Late Tudors	The Late Tudors	Revision of topics	Revision of topics	Revision of topics
ICT	Unit 3 Using Social Media in Business Unit 5 Data Modelling	Unit 3 Using Social Media in Business Unit 5 Data Modelling	Unit 3 Using Social Media in Business Unit 5 Data Modelling	Unit 3 Using Social Media in Business Unit 5 Data Modelling	Unit 3 Using Social Media in Business Unit 5 Data Modelling
Maths	A Level - Algebraic Methods (P) Functions and Graphs (P) Sequences and Series (P) Binomial Expansion (P) Core Maths -	A Level - Radians (P) Trigonometric Functions (P) Trigonometry and Modelling (P) Parametric Equations (P) Core Maths -	A Level - Differentiation (P) Numerical Methods (P) Integration (P) Vectors (P) Core Maths -	A Level - Regression, correlation and Hypothesis Testing (S) Conditional Probability (S) The Normal Distribution (S) Core Maths -	A Level - Moments (M) Forces and Friction (M) Projectiles (M) Applications of Forces (M) Further Kinematics (M) Core Maths -
Performing Arts	Unit 4-Performing Arts in the community Unit 21- Improvising	Unit 4-Performing Arts in the community Unit 21- Improvising	Unit 4-Performing Arts in the community Unit 3- Group Performance workshop.	Unit 3- Group Performance workshop.	Unit 3- Group Performance workshop.

Psychology	Mental Health Crime	Mental Health Crime	Child Revision	Child Revision	Revision & exams
Sports studies	Unit 1 - Skeleton - joints and movement	Muscular system / contraction and fiber types / Respiratory system / Control of breathing / Cardiovascular system - cardiac cycle / energy systems / system links	Unit 5 Principles of testing / Ethical issues	fitness tests for fitness components / fitness tests for skilled components / planning of test	administration of tests / evaluation of tests / result feedback / fitness profiling
Biology	Neuronal Communication / Hormonal communication / Homeostasis	Plant responses / Energy for biological processes / Respiration	Genetics of living systems / manipulating genomes / cloning and biotechnology	Ecosystems / Populations & sustainability	Synoptic concepts and exam preparation/ A Level Exam
Chemistry	Rates of reaction / equilibrium/ Acids, bases and pH / Buffers and Neutralisation	Enthalpy & Entropy / Redox & Electrode potentials / transition elements	Aromatic Chemistry / Carbonyls and carboxylic acids / Amines, amino acids and polymers	Organic Synthesis / Chromatography & Spectroscopy / unifying concepts	Revision and Exam practice / A Level Exams