

Year 10 Curriculum Outline 2022/23

The table below provides an outline of which topics/modules are planned to be taught in each of the three terms across the year. The topics/modules may not be taught in the order listed, but should be taught during the term outlined.

Subject	Autumn Term	Spring Term	Summer Term
Art and Design (GCSE) Pearson Edexcel 1FA0	TOPIC: SIGNS AND SYMBOLS Reconnection with drawing - Key Skills: objective observation, media & annotation –mark making inc. painting, drawing, printmaking, mixed media, collage/montage, photography and computer aided image manipulation. <ul style="list-style-type: none"> • Generating ideas, visual research, developing & refining original source material • linking contextual studies • extending and refining ideas • meeting assessment objectives • experimenting with different materials and techniques • resolving problems • realising ideas / presenting final work 	TOPIC: THEMATIC COMPONENT AND YEAR 10 MOCK EXAM Key Skills: working with independence/ understanding effective examination preparation and planning to meet assessment criteria <ul style="list-style-type: none"> • how to generate interesting/original ideas • understanding controlled assessment • impact/presentation • preparation studies for mock examination • gallery visit / contextual links • reflection for progression • personal outcome(s) 	TOPIC: THEMATIC COMPONENT Key Skills: media selection/ critical reflection/contextual/cultural understanding/sculpture/3D construction <ul style="list-style-type: none"> • portfolio development • printmaking • 3D outcome • preparing for end of year assessment and maximising impact and presentation • Vanitas/momento mori Introduction of the thematic summer project (The Human Condition) summer project development
Biology (GCSE) Pearson Edexcel 1BIO	<ul style="list-style-type: none"> • Homeostasis cont'd • Osmoregulation • DNA, variation and inheritance 	<ul style="list-style-type: none"> • DNA, variation and inheritance (cont'd) • Cell division and genetic modification 	<ul style="list-style-type: none"> • Cell division and genetic modification (cont'd) • Ecosystems
Chemistry (GCSE) Pearson Edexcel 1CH0	<ul style="list-style-type: none"> • basic concepts • separating and purifying • acids • mole calculations • structure and bonding • gases 	<ul style="list-style-type: none"> • earth and the atmosphere (recap) • organic chemistry 1 (hydrocarbons) • organic chemistry 2 (fuels) • ionic equations and precipitation • reactivity series and metals 	<ul style="list-style-type: none"> • electrolysis • organic chemistry 3 (polymers) • organic chemistry 4 (alcohols and carboxylic acids)

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Computer Science (GCSE) OCR – (9-1) - J277	<ul style="list-style-type: none"> • 2.3 Producing robust programmes – (10 lessons) • 1.3 Computer networks, connections and protocols – (12 lessons) • 1.4 Network security – (8 lessons) • Robot Wars – (1 lesson) 	<ul style="list-style-type: none"> • 1.2 Memory and storage (part 2) – (12 lessons) • Exam preparation – (2/3 lessons) • Year 10 Examination process – (2/3 lessons) • 1.6 Ethical, legal, cultural and environmental impacts of digital technology – (8 lessons) 	<ul style="list-style-type: none"> • Programming skills audit – (15 lessons) • Programming project – version 2 – (18 lessons) • 10hrs off-curriculum programming day – students achieve ITS Certification in Python*
Drama (GCSE) WJEC Eduqas 3690QS	<p>An introduction to the course. Practitioners and Genres: Stanislavski - Realism Brecht – Alienation, didactic theatre and gestus Physical Theatre Musical Theatre</p> <p>Student led practitioner/genre research: Emma Rice – Finding new ways to produce popular works Berkoff and Subverting theatrical convention Artaud and Theatre of Cruelty Craig and pure emotion/arrested development Boal – Theatre of the Oppressed Grotowski – Poor Theatre Maeterlinck – Theatre of Symbolism Meyerhold – Non naturalism in a realistic play Peter Brook – Empty Theatre T.I.E Using stimulus material to create theatre</p>	<p>Study of Set Text for Section A of the Examination</p> <p>Section B – Review writing</p>	<p>Launch of Devised piece – planning, preparation, rehearsal and collecting evidence.</p>

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English (GCSE) Language AQA 8700 Literature AQA 8702	<ul style="list-style-type: none"> • <i>An Inspector Calls</i> preparation for Literature Paper 2 • Poetry anthology 'Power and Conflict' – 7 poems plus unseen poetry – preparation for Literature Paper 2 	<ul style="list-style-type: none"> • Year 10 examination – Language Paper 1 • Complete 'Power and Conflict' poetry anthology, plus unseen poetry 	<ul style="list-style-type: none"> • <i>Romeo and Juliet</i> – preparation for Literature Paper 1 • Non-fiction texts plus non-fiction writing – preparation for Language Paper 2
French (GCSE) AQA 8658 French Higher Textbook OUP	<p>Revision, consolidation and extension of grammar from Years 7, 8, 9</p> <p>Baseline Assessment</p> <p>Theme 1: Identity and culture Unit 4: Customs and Festivals</p> <p>Vocabulary tests & Phonics Translation, Essays, Role Play and Photo card, End of Topic Assessment</p> <p>Cultural Capital:</p> <ul style="list-style-type: none"> • Videos on Stream • La musique Francophone • Tv5.org, Netflix and YouTube • Language, Culture and Diversity Week • Speaking practice with FLA 	<p>Theme 2: Local, national, international and global areas of interest</p> <p>Unit 5: Home, town, neighbourhood and region Year 10 Examinations</p> <p>Vocabulary tests & Phonics Translation, Essays, Role Play and Photo card, End of Topic Assessment</p> <p>Cultural Capital:</p> <ul style="list-style-type: none"> • Videos on Stream • La littérature Francophone • Tv5.org, Netflix and YouTube • Language, Culture and Diversity Week • Speaking practice with FLA 	<p>Theme 2: Local, national, international and global areas of interest</p> <p>Unit 6: Social Issues</p> <p>Vocabulary tests & Phonics Translation, Essays, Role Play and Photo card, End of Topic Assessment</p> <p>Cultural Capital:</p> <ul style="list-style-type: none"> • Videos on Stream • Le Cinéma Francophone • Tv5.org, Netflix and YouTube • Language, Culture and Diversity Week • Speaking practice with FLA
Geography (GCSE) AQA 8035	<p>Urban Issues & Challenges</p> <ul style="list-style-type: none"> • Urban development in an LIC/NEE • Urban development in an HIC • Urban sustainability 	<p>Physical Landscapes in the UK –</p> <ul style="list-style-type: none"> • Coastal processes and geomorphology • Coastal management • Rivers processes and geomorphology • Flood risk and river management 	<p>Geographical Applications</p> <ul style="list-style-type: none"> • Geographical Fieldwork

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German (GCSE) AQA 8668 German Higher text book OUP Foundation pages for all topics	Revision of grammar from Years 7, 8 and 9 and baseline assessment <ul style="list-style-type: none"> • grammar extension to GCSE requirements • writing and translation practice for each topic • role play practice for each topic Theme 1: Identity and Culture Topic 1: Me, my family and friends Topic 2: Technology in everyday life Topic 3: Free-time activities Topic 4: Customs and festivals Writing tasks and Translation Weekly vocabulary tests	Theme 2: Local, national, international and global areas of interest. Topic 5: Home town, neighbourhood and region Year 10 examinations Topic 6: Social issues. Charity / voluntary work, healthy living Topic 7: Environment, poverty / homelessness	Theme 2: Local, national, international and global areas of interest. Topic 8: Holidays and travel, regions of Germany Theme 3: Current and future study and employment. Topic 9: Life at school and college Topic 10: Jobs, career choices and ambitions <ul style="list-style-type: none"> • continuation of advanced grammar • writing tasks and translation practice for each topic • role play practice for each topic Introduction to the GCSE Speaking test. Preparation of the first 2 conversation topic questions before the end of term. Topics 3 and 4 to be prepared during the summer holidays.

Subject	Autumn Term	Spring Term	Summer Term
History (GCSE) AQA 8145	<ul style="list-style-type: none"> • Escalation of conflict in Vietnam <ul style="list-style-type: none"> ○ The end of French colonial rule and the emergence of the Viet Cong ○ The nature of and reasons for US involvement in Vietnam ○ President Johnson's escalation of the war and: tactics used by both sides and why the Tet Offensive was a turning point in the conflict. • The ending of the conflict in Vietnam <ul style="list-style-type: none"> ○ The war under President Nixon and how he tried to de-escalate US involvement ○ Opposition to war and the reasons why the media coverage of the conflict is so controversial ○ The end of the war and the reasons why the USA lost the conflict 	Britain: Health and the People (Paper Two) <ul style="list-style-type: none"> • Context for Medieval Period <ul style="list-style-type: none"> ○ Prehistoric ○ Ancient Egyptians ○ Ancient Greece ○ Ancient Rome • Medicine stands still <ul style="list-style-type: none"> ○ Medieval medicine ○ Medical progress ○ Public health in the Middle Ages 	<ul style="list-style-type: none"> • The beginnings of change <ul style="list-style-type: none"> ○ The impact of the Renaissance on Britain ○ Dealing with disease ○ Prevention of disease
Latin (GCSE) OCR J282	<ul style="list-style-type: none"> • intense revision of grammatical points • intense translation work to increase competency, accuracy and speed • new Grammar [Gerund & Gerundive; Accusative and Infinitive] 	<ul style="list-style-type: none"> • focused and intense translation work • Grammar revision 	<ul style="list-style-type: none"> • continued translation work, increasing in difficulty, length and complexity • Begin Literature Verse Set Text

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Mathematics (GCSE) Pearson Edexcel 1MA1	8) transformations and constructions 8.1 3D solids 8.2 Reflection and rotation 8.3 Enlargement 8.4 Transformations and combinations of transformations 8.5 Bearings and scale drawings 8.6 Constructions 1 8.7 Constructions 2 8.8 Loci 9) Equations and inequalities 9.1 Solving quadratic equations 1 9.2 Solving quadratic equations 2 9.3 Completing the square 9.4 Solving simple simultaneous equations 9.5 More simultaneous equations 9.6 Solving linear and quadratic simultaneous equations 9.7 Solving linear inequalities 10) Probability 10.1 Combined events 10.2 Mutually exclusive events 10.3 Experimental probability 10.4 Independent events and tree diagrams 10.5 Conditional probability 10.6 Venn diagrams and set notation	11) Multiplicative reasoning 11.1 Growth and decay 11.2 Compound measures 11.3 More compound measures 11.4 Ratio and proportion 12) Similarity and congruence 12.1 Congruence 12.2 Geometric proof and congruence 12.3 Similarity 12.4 More similarity 12.5 Similarity in 3D solids 13) More trigonometry 13.1 Accuracy 13.2 Graph of the sine function 13.3 Graph of the cosine function 13.4 The tangent function 13.5 Calculating areas and the sine rule 13.6 The cosine rule and 2D trigonometric problems 13.7 Solving problems in 3D 13.8 Transforming trigonometric graphs 1 13.9 Transforming trigonometric graphs 2	14) Further statistics 14.1 Sampling 14.2 Cumulative frequency 14.3 Box plots 14.4 Drawing histograms 14.5 Interpreting histograms 14.6 Comparing and describing populations 16) Circle theorems 16.1 Radii and chords 16.2 Tangents 16.3 Angles in circles 1 16.4 Angles in circles 2 16.5 Applying circle theorems NOTE: As well as the above, sets 1 and 2 will study elements of the OCR FSMQ Additional Mathematics course (6993) with a view to entering for the qualification in year 11 (on a voluntary basis and with the agreement of teaching staff/SLT)

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Music (GCSE) Edexcel 1MU0	Component 1: Mock solo performance Component 2: Compositional tasks in relation to the AoS AoS1 Musical Forms and Devices Set Work: <i>Badinerie by Bach</i>		Component 1: Mock ensemble performance Component 2: Compositional tasks in relation to the AoS AoS3 Film Music		Component 1: Tea-time concert and performance of the set work Component 2: Free composition AoS4 Popular Music Set Work: <i>Africa by Toto</i> End of Year Listening Assessment	
Physical Education (Core)	<ul style="list-style-type: none"> • Netball • Football • Badminton • Handball • Rugby Theory focus: <ul style="list-style-type: none"> • Recapping Importance of warm up and cool down 		<ul style="list-style-type: none"> • Cross Country • Badminton • Table Tennis • Handball Theory focus: <ul style="list-style-type: none"> • Applying components of fitness to sports (fitness testing) • Revisit GOAL Setting • Revisit Motivation • Revisit Heart Rate and Training Zones 		<ul style="list-style-type: none"> • Socio Cultural Sport Tasters (Ultimate Frisbee, Tchoukball, Goalball, Volleyball) • “Athletics and Rounders World Cup” Theory focus: <ul style="list-style-type: none"> • Socio-Cultural Factors effecting sport • Sportsmanship and team cohesion 	
Physical Education (GCSE) AQA 8582	Theory	Practical	Theory	Practical	Theory	Practical
	<ul style="list-style-type: none"> • Fitness Testing • Principles of Training • Methods of Training • Training Seasons • Preventing Injury 	Netball Trampolineing Cross country/athletics Climbing Table Tennis	<ul style="list-style-type: none"> • Skill and Ability • Goal Setting • Basic Information Processing • Guidance and Feedback • Arousal • Stress Management • Aggression and Personality • Motivation 	Netball Trampolineing Cross country Climbing Swimming	<ul style="list-style-type: none"> • Social Groups • Commercialisation of Sport • Technology in sport • Prohibited substances • Hooliganism • Sportsmanship 	Athletics Swimming Climbing

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Physics (GCSE) Pearson Edexcel 1BH0	<ul style="list-style-type: none"> • Space and the Universe • DC Electricity 	<ul style="list-style-type: none"> • Static Electricity • Magnetism 	<ul style="list-style-type: none"> • AC and Magnetism
PSHCE	<ul style="list-style-type: none"> • Great Expectations • Mental Health 1 • Mental Health 2 • Social Media & Self Esteem • Body Image • Careers – How to research possible placements • Apprenticeships Talk (External Speaker) • Careers Library Treasure Hunt • Enterprise Education x 2 • Progress Check 1 • Gender and Trans Identity • Same Sex Relationships • Pornography 	<ul style="list-style-type: none"> • Managing Exam Stress & Anxiety (WARMS) • Jack Petchey Speakout Challenge • Progress Check 2 • Jack Petchey Final • Screen Time – How much is too much? • Year 10 Examinations • CV and covering letters • Introduction to interviews • The Importance of Sleep • Binge Drinking 	<ul style="list-style-type: none"> • Identifying Unhealthy Relationships • Harassment & Stalking • Confidence and Relationships (WARMS) • Consent, Rape and Sexual Abuse • STI's (External Speaker) • Parenting • Extremism • Hate Crime • Report Reading • Crimes, Gangs & County Lines • First Aid

Subject	Autumn Term		Spring Term	Summer Term
Psychology (GCSE) Pearson Edexcel 1PS0	<p>Core Topic 5: Social influence</p> <p>– How do others affect you?</p> <ul style="list-style-type: none"> • The key features of obedience, conformity, deindividuation, bystander effect • The factors affecting bystander intervention, • including: personal factors + situational factors • Conformity to majority influence and factors • affecting conformity to majority influence, including: personality and situation • Obedience to authority and factors affecting • obedience to authority figures, including personality and situation • The behaviour of crowds and the individuals • within them and the effect of collective behaviour, including pro- and anti-social behaviour • The possible ways to prevent blind obedience to authority figures • Possible practical activity 	<p>Core Topic 4: The brain and neuropsychology – How does your brain affect you?</p> <ul style="list-style-type: none"> • The structure and function of the brain, including – temporal, occipital, frontal, parietal lobes and the cerebellum. • Knowledge of the lateralisation of function in the hemispheres, e.g. role of the left hemispheres • The Strengths and weaknesses of lateralisation as an explanation of sex differences between males and females • The function of neurons and synapses including how neurons and synapses interact • The role of the central nervous system • The impact of neurological damage on cognitions and behaviour, including: ‘visual agnosia’ and ‘prosopagnosia’ and their symptoms • The impact of damage to the pre-frontal cortex • The key studies of Damasio et al (1994) The Return of Phineas Gage: Clues • About the Brain from the Skull of a Famous Patient and Sperry (1968) Hemisphere Deconnection and Unity in 	<p>Option Topic 8: Perception – How do you interpret the world around you?</p> <ul style="list-style-type: none"> • Knowledge, examples of, and the reasons for, monocular and binocular depth cues: • visual cues for example - superimposition • Knowledge, examples of, and the reasons for, visual constancies, to include; shape, colour, size • The Direct Theory of Perception (Gibson, 1996) including; sensory input, optic flow, invariants and affordances and the strengths and weaknesses of Gibson. • Constructivist Theory of Perception (Gregory, 1970) including sensory input, perceptual hypothesis, inferences, prior knowledge and the strengths and weaknesses of Gregory. • The effects of motivation, expectation, emotion and culture on perceptual set • The key studies of Haber and Levin (2001) and Carmichael, Hogan and Walter (1932) 	<p>Option Topic 9: Sleep and dreaming</p> <p>– Why do you need to sleep and dream?</p> <ul style="list-style-type: none"> • The functions, features and benefits of sleep • The internal and external influences on sleep (Body rhythms, Hormones, Zietgebers) • The symptoms and explanations of sleep disorders including: insomnia and narcolepsy • The Freudian theory of dreaming (Freud, 1900) • Understand Activation Synthesis Theory (Hobson and McCarley, 1977) <p>The key studies of Freud (1909) Little Hans, analysis of a phobia in a five-year old Boy and Siffre (1975) Six months alone in a cave.</p>

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Psychology (GCSE) Pearson Edexcel 1PS0 (cont'd)		<ul style="list-style-type: none"> • Conscious Awareness • The issue of how psychology has changed over time in relation to knowledge of the brain. • Possible practical activity 		
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Religious Studies (GCSE) OCR J625	<p>Religion, philosophy and ethics in the modern world from a Christian perspective continued:</p> <p>Dialogue between religious and non-religious beliefs and attitudes</p>	<p>Religion, philosophy and ethics in the modern world from a Christian perspective continued:</p> <p>The existence of God, gods and ultimate reality</p> <p>Religion, peace and conflict</p>	<p>Exam practice and revision</p> <p>GCSE exams</p>	