

Year 10 Curriculum Outline 2019/20

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 Key Skills: objective observation, media & annotation –mark making including. 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: 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 <p>Introduce thematic summer project before the end of term (The Human Condition) summer project development</p>
Biology (GCSE) Pearson Edexcel 1BIO	<ul style="list-style-type: none"> • Homeostasis continued • osmoregulation • enzymes 	<ul style="list-style-type: none"> • DNA, variation and inheritance • cell division and genetic modification 	<ul style="list-style-type: none"> • Evolution • Ecosystems and interdependence
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 • 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 J276	<ul style="list-style-type: none"> • 2.3 Producing robust programmes • 1.4 Wired and wireless networks • 2.6 Data representation • 1.5 Network topologies, protocols and layers • 1.7 Systems software – utility software 	<ul style="list-style-type: none"> • 1.7 Systems software – utility software • 1.6 System security • Exam preparation • Year 10 Examination process 	<ul style="list-style-type: none"> • System development life cycle • Process for success • Programming skills audit • Programming project (former NEA) • 1.8 Ethical, legal, cultural & environmental issues
Drama (GCSE) WJEC 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>

Subject	Autumn Term	Spring Term	Summer Term
English (GCSE) Language AQA 8700 Literature AQA 8702	<ul style="list-style-type: none"> • 'An Inspector Calls' 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"> • Non-fiction texts plus non-fiction writing – preparation for Language Paper 2 • 'Romeo and Juliet' – preparation for Literature Paper 1
French (GCSE) AQA 8658 French Higher Textbook OUP	<ul style="list-style-type: none"> • Revision of grammar from Years 7, 8 and 9 and baseline assessment • Grammar extension to GCSE requirements • Writing and translation practice for each topic • Role play practice for each topic <p>Theme 1: Identity and culture</p> <p>Relationships with family and friends</p> <p>(Weekly vocabulary tests and regular translation practice throughout)</p>	<p>Theme 2: Local, national, international and global areas of interest</p> <p>Home, town, neighbourhood and region</p> <p>Year 10 Examinations</p> <p>(Weekly vocabulary tests and regular translation practice throughout)</p>	<p>Theme 3: Current and future study and employment</p> <p>My studies</p> <p>Theme 1: Identity and culture</p> <p>Free-time Activities (Music, Cinema and TV)</p> <p>(Weekly vocabulary tests and regular translation practice throughout)</p>
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> <p>Geographical Fieldwork (including x2 days fieldwork)</p> <p>The Changing Economic World</p> <ul style="list-style-type: none"> • Globalisation

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German (GCSE) AQA 8668 German Higher text book OUP	<ul style="list-style-type: none"> ● Revision of grammar from Years 7, 8 and 9 and baseline assessment ● grammar extension to GCSE requirements ● writing and translation practice for each topic ● role play practice for each topic <p>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</p> <p>Writing tasks and Translation Weekly vocabulary tests</p>	<p>Theme 2: Local, national, international and global areas of interest. Topic 5: Home town, neighbourhood and region</p> <p>Year 10 examinations</p> <p>Topic 6: Social issues. Charity / voluntary work, healthy living Topic 7: Environment, poverty / homelessness</p>	<p>Theme 2: Local, national, international and global areas of interest. Topic 8: Holidays and travel, regions of Germany</p> <p>Theme 3: Current and future study and employment. Topic 9: Life at school and college Topic 10: Jobs, career choices and ambitions</p> <ul style="list-style-type: none"> ● continuation of advanced grammar ● writing tasks and translation practice for each topic ● role play practice for each topic
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 3) <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 ● A revolution in medicine <ul style="list-style-type: none"> ○ Advances in medical science in nineteenth century Britain ○ Improvements in public health ● Modern medicine <ul style="list-style-type: none"> ○ Modern treatment of disease ○ The impact of war and technology on surgery ○ Modern public health

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Latin (GCSE) OCR J282	<ul style="list-style-type: none"> • grammar revision • Translations using GCSE style and level • Second literature set text 	<ul style="list-style-type: none"> • complete grammar revision with focus on translation work 	<ul style="list-style-type: none"> • intensive revision of all Units
Mathematics (GCSE) Pearson Edexcel 1MA1	<p>8) transformations and constructions (Edexcel SOW Unit 8):</p> <p>8.1 3D solids</p> <p>8.2 Reflection and rotation</p> <p>8.3 Enlargement</p> <p>8.4 Transformations and combinations of transformations</p> <p>8.5 Bearings and scale drawings</p> <p>8.6 Constructions 1</p> <p>8.7 Constructions 2</p> <p>8.8 Loci</p> <p>9) Equations and inequalities (Edexcel SOW Unit 9):</p> <p>9.1 Solving quadratic equations 1</p> <p>9.2 Solving quadratic equations 2</p> <p>9.3 Completing the square</p> <p>9.4 Solving simple simultaneous equations</p> <p>9.5 More simultaneous equations</p> <p>9.6 Solving linear and quadratic simultaneous equations</p> <p>9.7 Solving linear inequalities</p> <p>10) Probability (Edexcel SOW Unit 10):</p> <p>10.1 Combined events</p> <p>10.2 Mutually exclusive events</p> <p>10.3 Experimental probability</p> <p>10.4 Independent events and tree diagrams</p> <p>10.5 Conditional probability</p> <p>10.6 Venn diagrams and set notation</p>	<p>11) Multiplicative reasoning (Edexcel SOW Unit 11):</p> <p>11.1 Growth and decay</p> <p>11.2 Compound measures</p> <p>11.3 More compound measures</p> <p>11.4 Ratio and proportion</p> <p>12) Similarity and congruence (Edexcel SOW Unit 12):</p> <p>12.1 Congruence</p> <p>12.2 Geometric proof and congruence</p> <p>12.3 Similarity</p> <p>12.4 More similarity</p> <p>12.5 Similarity in 3D solids</p> <p>13) More trigonometry (Edexcel SOW Unit 13):</p> <p>13.1 Accuracy</p> <p>13.2 Graph of the sine function</p> <p>13.3 Graph of the cosine function</p> <p>13.4 The tangent function</p> <p>13.5 Calculating areas and the sine rule</p> <p>13.6 The cosine rule and 2D trigonometric problems</p> <p>13.7 Solving problems in 3D</p> <p>13.8 Transforming trigonometric graphs 1</p> <p>13.9 Transforming trigonometric graphs 2</p>	<p>14) Further statistics (Edexcel SOW Unit 14):</p> <p>14.1 Sampling</p> <p>14.2 Cumulative frequency</p> <p>14.3 Box plots</p> <p>14.4 Drawing histograms</p> <p>14.5 Interpreting histograms</p> <p>14.6 Comparing and describing populations</p> <p>16) Circle theorems (Edexcel SOW Unit 16):</p> <p>16.1 Radii and chords</p> <p>16.2 Tangents</p> <p>16.3 Angles in circles 1</p> <p>16.4 Angles in circles 2</p> <p>16.5 Applying circle theorems</p> <p>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)</p>

Subject	Autumn Term		Spring Term		Summer Term	
Music (GCSE) Edexcel 1MU0	Component 1 – Performing Students prepare for class solo performance Component 2 – Composition How to Compose – introduction to composition through workshops and using Sibelius & GarageBand Waltz Composition Component 3 – Appraising Listening Skills Set work study and related listening: Schwartz: <i>Defying Gravity</i> Beethoven: <i>Pathetique Sonata</i>		Component 1 – Performing Continued solo performance Small ensemble performances Component 2 – Composition Developing Music Ideas through composition Continued composing to set briefs Component 3 – Appraising Set works studied: Queen: <i>'Killer Queen' (from the album Sheer Heart Attack)</i>		Component 1 – Performing Preparation for end of term performance and Ensemble performance at the beginning of Year 11. Component 2 – Composition Continued composing to set briefs Component 3 – Appraising Set works studied: Bach: <i>Brandenburg Concerto No.5</i> H. Purcell: <i>'Music for a While'</i>	
Physics	<ul style="list-style-type: none"> • sound and seismic waves • waves and the electromagnetic spectrum • space • energy 	<ul style="list-style-type: none"> • forces and motion • dc electricity 	<ul style="list-style-type: none"> • magnetism • ac Electricity 	Physics	<ul style="list-style-type: none"> • sound and seismic waves • waves and the electromagnetic spectrum • space • energy 	<ul style="list-style-type: none"> • forces and motion • dc electricity
PE (GCSE) AQA 8582	Theory <ul style="list-style-type: none"> • Skeletal System • Muscular System • Movement Analysis • Respiratory System • Circulatory System • Aerobic & anaerobic 	Practical Netball Trampoline Cross country/athletics Climbing	Theory <ul style="list-style-type: none"> • The immediate & short term effects of exercise • Recovery • Long term effects of exercise • Components of fitness • Fitness Testing • Principles of training 	Practical Netball Trampoline Cross country/athletics Climbing	Theory <ul style="list-style-type: none"> • Methods of training • Training seasons • Prevention of injury • Health & Fitness • Obesity • Somatotypes • Diet and Nutrition 	Practical Athletics Swimming Climbing

Subject	Autumn Term	Spring Term	Summer Term
PSHCE	<ul style="list-style-type: none"> • Great Expectations • Target Grades • Teen Sleep • Body Image • Careers 10.1 – Starting to build a dazzling portfolio • Apprenticeships Talk • Careers 10.2 Creating a CV (1) • Careers 10.3 – Creating a CV (2) • Progress Check 1 • Careers 10.4 Introduction to Interviews • Progress Check 1 • E-Safety Talk • Revision Techniques • RE Mock Examination 	<ul style="list-style-type: none"> • Mental Health Lesson 1 • Jack Petchey Speak Out • Jack Petchey Speak Out Final • Progress Check 2 • Mental Health Lesson 2 • Wellbeing/Mindfulness • Year 10 Examinations Week 1 • Year 10 Examinations Week 2 • SRE1 • SRE Talk External Speakers • Review of mock examinations • SRE 2 	<ul style="list-style-type: none"> • SRE3 • RE Revision • RE Revision • RE Exam • Form Choice of Topic • Drugs Box • Homophobia • Relationships • Report Reading • Consumerism • First Aid • PC3 • Activities Week
Psychology (GCSE) Pearson Edexcel 1PS0	<p>Core Topic 5: Social influence – 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 	<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 	<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.

Subject	Autumn Term	Spring Term	Summer Term
Psychology (GCSE) Pearson Edexcel 1PS0 Continued	<ul style="list-style-type: none"> The possible ways to prevent blind obedience to authority figures 	<ul style="list-style-type: none"> 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 Conscious Awareness The issue of how psychology has changed over time in relation to knowledge of the brain. 	<ul style="list-style-type: none"> 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) Revision for examinations
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><i>Sit GCSE exams</i></p>

Year 10 Core PE Programme of Study 2019-2020

	10AA	10BB	10CC	10DD	10EE	10FF
4 Weeks	Netball	Basketball	Table Tennis	Netball	Basketball	Table Tennis
3 Weeks	Football/Rugby	Netball	Basketball	Football/Rugby	Netball	Basketball
	<i>Half Term</i>	<i>Half Term</i>	<i>Half term</i>	<i>Half Term</i>	<i>Half term</i>	<i>Half term</i>
4 Weeks	Basketball	Table Tennis	Football/Rugby	Basketball	Table Tennis	Football/Rugby
3 Weeks	Table Tennis	Football/Rugby	Netball	Table Tennis	Football/Rugby	Netball
	<i>Christmas Break</i>	<i>Christmas Break</i>	<i>Christmas Break</i>	<i>Christmas Break</i>	<i>Christmas Break</i>	<i>Christmas Break</i>
3 Weeks	X-Country	X-Country	X-Country	X-Country	X-Country	X-Country
3 Weeks	Swimming	HRF	Badminton	Swimming	Cheerleading	Badminton
	<i>Half Term</i>	<i>Half Term</i>	<i>Half term</i>	<i>Half Term</i>	<i>Half term</i>	<i>Half term</i>
2 Weeks	Year 10 Examinations	Year 10 Examinations	Year 10 Examinations	Year 10 Examinations	Year 10 Examinations	Year 10 Examinations
4 Weeks	HRF	Badminton	Swimming	Cheerleading	Badminton	Swimming
	<i>Easter</i>	<i>Easter</i>	<i>Easter</i>	<i>Easter</i>	<i>Easter</i>	<i>Easter</i>
5 Weeks	Badminton	Swimming	HRF	Badminton	Swimming	Cheerleading
	<i>Half Term</i>	<i>Half Term</i>	<i>Half term</i>	<i>Half Term</i>	<i>Half term</i>	<i>Half term</i>
6 Weeks	Athletics/Rounders	Athletics/Rounders	Athletics/Rounders	Athletics/Rounders	Athletics/Rounders	Athletics/Rounders