Academically-Ambitious and Accessible to All

Queen Mary's Grammar School believes that the Quality of Education experienced by students is driven by a curriculum in its b roadest sense: the entirety of a student's learning experience, in lessons and beyond. We aim to design and embed a curriculum that is planned and sequenced to develop in our highly academic students the knowledge and skills necessary for their future roles in society, while ensuring that the balanced curriculum offer is accessible to all.

Subject	Year 12	Year 13
Subject Art	Year 12Portfolio (Personal investigation – 60%) Learners will produce work in response to a centre or learner-set starting point title. From this a portfolio of practical work is developed to show detailed and informed progression of ideas and influences towards a final 	 Builds on from Year 12 through Analysing year 12 portfolio. Assessing that the project is clearly linking related study to artwork and the portfolio. Reflection made against the assessment objectives of AO3, AO2 & AO1. Any possible gaps from missed learning highlighted and individual action plans for year 13 developed. (AO4) December – January. A personal response with sophisticated realisation of intentions. Understanding of visual language, applying formal elements, is perceptive and sophisticated. Completion of the course work Portfolio and 3000 word written study reflecting on the contextual influences, research and detailed analysis of the work of others by February. Externally set Exam project (40%) From February pupils will be given their OCR Exam paper where they will start working on (A03) which focuses on the recording of ideas, observations and
	 (A01) Artist Research. Develop Ideas through sustained and rocused investigations informed by contextual and other sources, demonstrating analytical and critical understanding. Pupils are expected to source their own artists that reflect their individual project direction. For each artist explored the following is expected; 1. Information about the artists and supporting examples of their work. 2. Written analysis and personal opinion of the work. 3. A piece of artwork in the style of the artist. 4. Experimental pieces linked to the artist's techniques, working title and own project direction. 	 insights relevant to their chosen exam question. 2. From March pupils will focus on (A01) where they will explore chosen artists that inspire their own art work. 3. From April pupils will focus on (A02) and the experimentation of final outcome ideas, medias to demonstrate clear development of ideas. 4. During the 15 hour Art exam after Easter, pupils will produce a final outcome for (A04) which is to reflect their chosen exam question, development and artist inspirations.



	• (AO2) Experimenting with new materials. Explore and select appropriate resources, media, materials, techniques and processes, reviewing and refining ideas as work develops. During the summer term pupils are to develop their individual projects to reflect their chosen artists and chosen theme based on the 'Overlap' starting point. At this point a variety of mediums will be explored such as etching batik, printing, photography, Photoshop etc.	All work will be presented to be marked and moderated after the 15 hour Art exam. Marks are submitted to OCR in May and await candidate selection for moderation. Coursework and Exam projects will be externally moderated with an exhibition to present selected work.
	• Related study; Research, gallery visits and artists interviews conducted and a first draft of their written study completed over the summer term and summer break.	
Biology	 1 Biological molecules 2 Cells 3 Organisms exchange substances with their environment 4 Genetic information, variation and relationships between organisms 	 5 Energy transfers in and between organisms 6 Organisms respond to changes in their internal and external environments 7 Genetics, populations, evolution and ecosystems 8 The control of gene expression
Business	Theme 1 • meeting customer needs • the market • marketing mix and strategy • managing people • entrepreneurs and leaders.	Theme 3 • business objectives and strategy • business growth • decision-making techniques • influences on business decisions • assessing competitiveness • managing change.
	 Theme 2 raising finance financial planning managing finance resource management external influences 	 Theme 4 global isation global markets and business expansion global marketing global industries and companies (multinational corporations).
Chemistry	Transition skills Physical chemistry	 Physical chemistry Gas equilibria Kinetics

	Amount of substance	Thermodynamics
	Bonding	Acids and bases
	Atomic structure	Electrochemistry
	Kinetics	
	Energetics	Inorganic chemistry
	Equilibria	Periodicity
	Redox	Transition metals
		Reactions of inorganic compounds
	Inorganic chemistry	
	Halogens	Organic chemistry
	Group 2	Nomenclature and isomerism
	Periodicity	Compounds containing the carbonyl group
		Aromatic chemistry
	Organic chemistry	Amines
	Introduction to organic chemistry	Polymerisation
	Alkanes	Amino acids, proteins, and DNA
	Halogenoalkanes	Organic synthesis and analysis
	Alkenes	Structure determination
	Alcohols	Chromatography
	Organics analysis	
Computer	Paper 1	Paper 1
Science	• The characteristics of contemporary processors, input, output	• Exchanging data (1.3)
	and storage devices. (1.1)	• Data types, data structures and algorithms (1.4)
	 Software and software development (1.2) 	• Legal, moral, cultural and ethical issues. (1.5)
	• Exchanging data (1.3)	Paper 2
	• Data types, data structures and algorithms (1.4)	Algorithms (2.3)
	Paper 2	
	• Elements of computational thinking (2.1)	Programming Project
	• Problem solving and programming (2.2)	
Design &	The core content:	The year 13 DT curriculum is split up into 3 keys elements:
Technology	Woods	
57	Metals	1. NEA
	Plastics	





• Electronics

- Textiles
- Paper and board
- New and emerging technologies
- Sustainability
- Designers and companies
- Ergonomics
- Anthropometrics

All of the above topics have been touched on at KS4 BUT they are explored in far more detail at A level.

The SoW is available as a separate document.

Each core content module is tackled through a design and make project with associated theory content and homework.

Current projects:

• Enamelling

- CADCAM project (3D printing)
- QMGS library book stand
- Skills stick
- STARPACK national competition
- Mini-NEA in preparation for the 6.2 NEA

Graphics is taught through each project:

- Sketching
- Isometric
- Perspective
- Oblique
- Exploded views
- Sectional views
- Orthographic projection

An iterative design challenge that should take up about 55 hours of genuine working time for the students in lessons (and with some homework)

This will test the students ability to:

- Identify problems within a context
- To work with a genuine client
- To design for a genuine target market
- Collect relevant research data
- Produce a range of creative design ideas through sketching, models or CAD
- Evaluate their work as it progresses
- Plan and make a prototype model
- To produce a "mock-up" of the final design
- Present the NEA as a formal document

2. THEORY

Topics include:

- Design History
- Designers
- Companies
- Iconic products
- Scale of production
- Sustainability
- Modern industrial practice
- Developments in technology
- Marketing
- Digital design
- Social, moral and ethical issues in DT

3. REVISION

The work covered in year 12 (and at KS3/4) will be revisited on a regular basis. The regular forms tests will revisit knowledge taught in previous years and lessons.



	NB: All of the above have been introduced at KS3/4 BUT a far higher level of competence is required at A level	
Economics	Microeconomics (Markets and Market Failure): • Economics methodology and the economic problem • Demand and elasticities of demand • Supply and price elasticity • Market equilibrium and interrelationships • Applications of demand and supply • Production, costs and revenue • Competitive and concentrated markets • Market mechanism and market failure • Government intervention and failure Macroeconomics (The National Economy): • National Economic Performance • Aggregate Demand and aggregate Supply • Aggregate Supply and equilibrium • Economic Growth • Inflation & Deflation • Unemployment • The Balance of Payments • Monetary Policy • Fiscal & Supply Side Policies	 Microeconomics (Markets and Market Failure): Individual economic decision making (Behavioural Economics) Theory of the firm: Production, Costs and Revenue Market Structures Competition Policy Revisiting market failure and government intervention The Labour Market Distribution of income and wealth Macroeconomics (The National and International Economy): The International economy Revisiting and developing macroeconomic theory Revisiting fiscal and supply-side policies Financial markets and monetary policy
English Language & Literature	OCR H474 (EMC) Orientation work on key skills; Prep for examination- reading tasks on Exploring non-fiction written and spoken texts (C1) Prep for examination: The language of poetry and plays (C 2) Carol Ann Duffy or William Blake Begin work on The Great Gatsby (C3) 	 Completion of Jerusalem or Streetcar(C2) Prep for Component 3 Reading as a writer, writing as a reader: inc The Great Gatsby and creative writing Completion of the two NEA tasks Revision and supplementary work on C1 and C2 above.



	• Begin work on NEA Independent Study (C4) and Jerusalem or A Streetcar Named Desire (C2) post-Y12	
	examinations	
English	Orientation work on key skills;	Group 1:
Literature	 Group 1: Component 2: Comparative and Contextual Study: Dystopia , 'The Handmaid's Tale', Brave New World plus wider reading of other texts, contexts and critical writing of the period. 'Hamlet', <i>The Merchant's Prologue and Tale</i>; prep work for exam: Drama and Poetry pre-1900 (Component 1] Begin work after Year 12 exams on NEA: Literature post-1900 (C3) Task 1 (Poetry) and 2 (Comparison) 1900 – Carol Ann Duffy, <i>Jerusalem, White Teeth</i> Group 2: Drama and Poetry pre-1900 (Component 1]: Twelfth Night/Coleridge's poetry/A Doll's House NEA: Literature post-1900 (C3) Task 1 (Poetry): Heaney Post EOY exams: Component 2: Comparative and Contextual Study: Dystopia: Handmaid's Tale NEA2: text one- White Teeth 	 NEA: Literature post- 1900 completion of tasks 1 and 2 Revision of Component 2: Comparative and Contextual Study: Dystopia Drama and Poetry pre-1900 (Component 1) A Doll's House Revision of Component 1 and 2 texts in the Spring. Group 2: Complete NEA2: text 2 (Arcadia) Submission by Christmas Component 2: Comparative and Contextual Study: Dystopia: Complete Handmaid's Tale, 1984 Revision of Component 1 and 2 texts in the Spring: Twelfth Night, Doll's House, Coleridge
French	 Aspects of Society <u>Changing family life</u> – Marriage and other Partnerships/Different family structures/Inter-generational relationships <u>Cyber Society</u> – Changes to everyday life/Dangers of digital technology/Current users and Future Developments The Voluntary Sector – Voluntary work in France/Benefits of 	 Aspects of French-speaking Society <u>A diverse society</u> – benefits/tolerance/promoting diversity <u>Socially marginalised</u> – who/help/attitudes to marginalised <u>Treatment of criminals –</u> attitudes to crime/prison merits/alternatives to prison
	 voluntary work for recipients/Benefits for volunteers Artistic Culture 	 Political Life in the French-speaking World Youth and political Engagement – the vote/youth involvement/future of politics



	1	
	 Cultural heritage <u>Artistic Culture -</u> Importance/Marketing/ Relevance in Society <u>Contemporary Music</u> – Diversity/Who listens/Safeguarding the music <u>Cinema</u> – French cinema/Major developments/ Popularity <u>Cultural Topic</u> Novel No et Moi 	 <u>Demonstrations</u> – unions/strikes/attitudes and tensions <u>Politics and immigration</u> – Francophone countries/political parties/racism <u>Cultural Topics</u> – Novel : No et Moi /Film : La Haine Independent Research Topic – oral exam Listening, reading, writing and speaking skills covered weekly
Geography	 Changing Places (Including fieldtrips to Digbeth and Olympic Park, London) Global Systems and Global Governance Hot Desert Systems and Landscapes Hazards Non-examined assessment (NEA) Fieldwork study skills trip to Farchynys (Summer term) 	 Non-examined assessment (NEA) Hazards Population and the Environment Water and Carbon
History	 Component 1: Breadth study 1K The making of a Superpower: USA: Content 1865-1920 Component 2: Depth study 2S The Making of Modern Britain: Content 1951–1979 Component 3: Historical investigation (Personal study) NEA: will have begun this in June of Year 12. 	 Component 1: Breadth study 1K The making of a Superpower: USA: Content 1920-1975 Component 2: Depth study 2S The Making of Modern Britain: Content:1979-2007 Component 3: Historical investigation (Personal study) NEA: will have completed this by January of Year 13.
Mandarin Chinese	 Family family structure: members, 3 generation household Changing attitudes towards marriage and dating in China one child policy; the changing child policy in China generation gap; conflicts in the family; young people and the older generation; attitudes towards young people in the family environment. Aging population; status of the elderly and responsibility for their care 	Economy & Environment • Economic development and issues • Modern Chinese history; Economic boom; Current climate • Environmental issues and consequences • Environmental protection • Green/eco living awareness and movement • Government schemes to reduce pollution and protect environment The impact of the 1978 economic reform in China • Causes, consequences, and issues



	 Traditions & Festivals Traditions and customs; Relation to agriculture; the reasons for celebrating traditional festivals in modern era Mid-autumn festival; Folk tale; Customs and celebration Dragon-boat festival; Folk tale; Customs and celebration Qing Ming festival; Folk tale; Customs and celebration School life; Typical school day and life; patterns of curriculum Education & Work School life; Typical school day and life; patterns of curriculum Education system in China; further and higher education provision; inequality of access to quality education Comparison between UK's and China's education Student issues; Study Pressure; Parental pressure; Gaokao (University entrance exam) Employment opportunities; Varied work opportunities Social-economic gap; Barriers to equal work opportunities; "Peasant workers" Work-life balance; Work ethics Cultural activities & Internet and social media Literature in the Chinese speaking world Television in the Chinese-speaking world; Chinese music the role and influence of the internet and social media in all aspects of life the mass media (including broadcast media, newspaper media and internet media) and how it is evolving advantages and disadvantages of social media 	 Super-cities in China; Why do they exist; What are they like Urban migration; The phenomenon; Causes and effects Rich-poor gap and inequality of wealth and access to education, health and social care China-UK relationship Trade; Trades in history; Trades in the modern time Cultural exchanges Chinese culture in the UK; British culture in China British Council's role Role of 中国语合中心 Center for Language Education and Cooperation Educational exchanges; Existing exchanges Future envisions Film 《请投我一票》 2007; Please vote for me!
Maths	Year 12 Maths	Year 13 Maths



and Further	Students will have covered all the AS-content for AS Mathematics by the	Whilst in year 13, pupils continue to work through the year 2 content and cover
Maths	end of Year 12	topics outlined below:
	The first term of A-Level mathematics is designed to give pupils from all	
	schools opportunity to develop their mathematics, mastering the skill	Further Trigonometric Functions
	from GCSE, which are essential for success throughout the course.	Differentiation of trig, log and exponential functions
	To aid students, they have access to a textbook, and personal log-in	Chain, product and quotient rule for differentiation
	details to Integralmaths.org. This allows pupils access to a wide range of	Implicit differentiation
	videos and walk-throughs, as well as additional notes, examples and	Integration of trig, log and exponential functions
	exercises.	Parametric functions
		Parametric differentiation
	The list of topics outlines the majority of the Year 1 work:	Integration by substitution
	Linear equations	Integration by parts
	Quadratic equations	Differential Equations
	Reciprocal relations	Numerical Methods
	Functions	Vectors in 3 dimensions.
	Inequalities	Mechanics: Equations of Projectiles
	Surds and Indices	Mechanics: Frictional forces and motion
	Calculus	Mechanics: Forces acting at an angle
	Logarithms and Exponentials	Mechanics: Moments
	Factor theorem and polynomials	Statistics: Conditional probability
	Binomial expansion	Statistics: Normal Distribution
	Equations of circles	Statistics: Hypothesis testing
	Trigonometric functions and equations	
	Proof and Reasoning	The assessment for A-Level maths consists of 3 papers, Pure and Mechanics, Pure
	Vectors in 2 dimensions	and Statistics (where there is some pre-release material of a large data set). The
	Mechanics: Kinematics	third paper is a pure and comprehension paper, this tests the pupils ability ti use
	Mechanics: Forces and motion	their mathematical knowledge in an unfamiliar situation.
	Mechanics: Variable acceleration models	
	Statistics: Probability	These skills students develop are all required for the A-Level specification, and are
	Statistics: single variable analysis	outlined in the document found here: https://www.ocr.org.uk/Images/308740-
	Statistics: Bivariate data	specification-accredited-a-level-gce-mathematics-b-mei-h640.pdf the teachers here
	Statistics: Binomial distribution.	at QM might well extend these skills to test pupils knowledge and integrity so that
		they are thoroughly prepared for examinations



	Year 13 Further maths This is taught by 4 teachers, covering the four topics for assessment: The Core content accounts for 50% of the course, and the other <i>modules</i> are 16.6% each. Numerical Methods • Numerical approximations • Approximating functions • Numerical solutions • Numerical Integration
Year 12 Further Maths In year 12 we cover 90% of the pure topics, excluding the numerical methods, and the mechanics and statistics sections of the Year 2 course (which can be found in the year 13 section of maths. In addition to the vast majority of the A-level course being taught in year 12, we also teach the year 1 further maths core content. This covers the following topics Introduction to Matrices Introductions to Complex numbers Roots of polynomials Proof Vector equations Standard summations results	 Numerical Differentiation Interpolating polynomials Rates of convergence Mechanics minor Forces of rigid bodies Work-Energy Principle Power Impulse and Momentum Centres of mass Statistics minor Discrete distributions, inc. Poisson distribution Continuous distributions Regression analysis Chi-Squared test Further Hypothesis tests. Core content. Further Matrices Further Complex numbers Advanced Integration Skills Polynomial approximations Maclaurin Series



		 Polar co-ordinates and integration Hyperbolic Trug functions Further Differential Equations Second order Differential Equations Systems of Differential Equations Vectors and 3D space
		• The work covered can be found here https://ocr.org.uk/Images/308768- specification-accredited-a-level-gce-further-mathematics-b-mei-h645.pdf
Philosophy	 Everything set forth in the relevant A Level Syllabus (knowledge and skills) to a level of competence that allows prediction of the eventual grade; and including: PHL.101 Reality; the nature of reality; the nature and problems of perception; the nature of death and the possibility of post-mortem existence; the nature and problems of knowing things logical and rhetorical skills, including validity, soundness, fallacy, truth-conditions, necessity and sufficiency; PHL.102 God The nature of God The existence of God Paradox and logic; analogy; the role of evidence The nature of the concept of time; the ontology and metaphysics of time, specifically how a being such as God is related to "Time"; 	 11. PHL.201 Mill a. the extent and scope of utilitarianism; b. criticisms of utilitarianism; 12. PHL.202 Evil a. The problem of evil solutions, including complex theodicies and modern responses. 13. PHL.203 Knowledge II a. The meditations 14. PHL.204 Kant a. Categorical and consequentialist morality; b. Kantian ethics c. Lying and simulated killing 15. PHL.205 Zombies a. Dualism and physicalism; b. the nature of mentality and the mind; c. personal consequences of each theory; 16. PHL.206 Gettier II a. Responses to Gettier 17. PHL.207 Morals III a. Virtue Ethics 18. PHL.208 Language a. Metaethics - what kind of things are ethical properties? How can we talk meaningfully about moral situations and ideas?



	a.	Substance;	h	Religious language - can we make a
	b.	Regress;	ы.	about God? Is truth possible?
	с.	the nature of death and survival;		
		the nature of personhood;		
		the nature and existence of the mind, and common-		
	с.	sense (pre-philosophical) justifications of substance		
		dualism.		
4. 1	PHL.10	4 Morals		
	a.	Is it safe to be gay in the UK?		
	b.	Moral relevance;		
	C.	utilitarianism		
	d.	Justice		
	e.	Legality, jurisprudence;		
	f.	presentation and oracy skills;		
	g.	Psychological underpinnings of morality and society;		
	h.	Metaethics;		
	i.	Virtue Ethics		
5. I	PHL.10	5 Reality II		
	a.	Descartes;		
	b.	Solipsism, relativism, subjectivism, realism;		
	c.	Cosmological arguments;		
	d.	Ethics: stealing and lying;		
	e.	Writing lengthy essays;		
6. I	PHL.10	6 God II		
	a.	The nature of God and the logic of the concept of God;		
	b.	Arguments for His existence, including further versions of		
		ontological arguments.		
7. 1	PHL.10	7 Knowledge		
	a.	The rationalist/empiricist dichotomy;		



r		
	b. Design Arguments	
	8. PHL.108 Morals II	
	a. Utilitarianism	
	b. Virtue Ethics	
	c. Criticisms of ethical theories and metaethics	
	9. PHL.109 Mind II	
	a. What is the mind?	
	b. Does the mind exist?	
	c. Theories of personhood	
	10. PHL.110 Gettier	
	a. What is knowledge? Is It justified true belief?	
	b. Necessary and sufficient conditions of x.	
Physics	1. Measurements and their errors	1. Measurements and their errors
Physics	SI Units	Year 13 Practical
	Errors and estimation	6. Further Maths and Thermal Physics
	Year 12 Practical	Circular Motion
	2. Particles and Radiation	Simple Harmonic Motion
	Standard Model of Particle Physics	Gas Laws
	 Particle interactions and decays 	 Molecular Kinetic Theory
	Quantum Phenomena	7. Fields
	3. Waves	Electric Fields
	Progressive and Stationary Waves	Gravitational Fields
	Refraction, diffraction, interference	Capacitance
	4. Mechanics and Materials	Magnetic Fields
		Electromagnetic Induction
	Statics	8. Nuclear Physics
	Kinematics	Radioactivity
	Force, Energy and Momentum	Nuclear Instability
	Materials	Nuclear energy
	5. Electricity	Fission and Fusion
	Direct Current Electricity	9. Turning Points in Physics



	Circuit rules	Discovery of the Electron
	EMF and Internal Resistance	Wave-particle duality
		Special Relativity
PSHEE	Relationships, Sex & Health Education	Relationships, Sex & Health Education
	 Introduction to KS5 PSHE Introduction to Transactional Analysis Managing unwanted attention Pressure, persuasion and coercion Addressing relationship abuse Managing relationship conflict and breakups Careers & Finance Job-seeking Choosing financial products Seeking financial advice Media Literacy How can we manage impulses and influences to gamble? Online blackmail Talk it over Physical Health & Mental Wellbeing Self-examination, donation, immunisation and vaccination A fair and equal opportunity to be healthy Help-seeking and sources of support Diversity & Citizenship Conflict resolution 1 Conflict resolution 3 	 Creating safe spaces Communication, consent and choice Sexual norms and expectations Pleasure and sensuality Contraception and Sexually Transmitted Infections (STIs Parenting Careers & Finance Getting started in the workplace The financial implications of work Workplace professionalism Media Literacy Helping people who have developed problems with gambling Online sexual harassment Online identity Physical Health & Mental Wellbeing Living independently Diversity & Citizenship Conflict resolution 4 Conflict resolution 5 Conflict resolution 6
Psychology	Everything set forth in the relevant A Level Syllabus (knowledge and skills) to a level of competence that allows prediction of the eventual	 PSY.200 The Brain & the Mind; a. Milgram
	grade; and including:	b. Anatomy of the Brain
		c. Ways of studying the brain
	1. PSY.101 Introduction;	d. Split-brains

a. Freud

- b. Skinner
- c. Phobias and Fear
- d. Fight and Flight
- e. Alpha and beta bias
- f. Research methods
 - i. Content analysis
 - ii. Designing studies
 - iii. Self-reports
- g. The Stanford Prison Study
 - i. Hawthorne Effect
 - ii. Ethics
 - iii. Demand characteristics
- 2. PSY.102 (Memory)
 - a. Theories of memory, including theories of forgetting;
 - b. Eye-witness testimony;
 - c. Anxiety;
- 3. PSY.103 (Psychopathology)
 - a. Humanism: self-concept, self-esteem;
 - b. Maslow and Rogers;
 - c. Disorders, including depression and bipolar disirder, and treatments (including CBT)
 - d. Case Study of Edmund Kemper
 - i. The effect of upbringing and the nature/nurture debate;
 - ii. Aggression, including the role of testosterone;
 - iii. Robbers' Cave, and social psychology;
 - e. Bowlby's attachment theory
 - f. Bobo Doll Study, and the influence of others;

- e. Cultural bias and the emic/etic distinction
- f. Schizophrenia
- g. Conformity
- 9. PSY.201 Disorders
 - a. Personality
 - b. Depression
 - c. OCD
 - d. CBT and therapy
- 10. PSY.202 Attraction
 - a. Theories of attraction and mate preference;
 - b. Evolution
- 11. PSY.203 Resistance
 - a. How to resist influence of all kinds: social and biological
- 12. PSY.204 Biopsychology
 - a. The interaction of the brain and the mind,
 - b. The nervous system
 - c. Endogenous pacemakers and exogenous zeitgebers, and the effects of biology on psychology
- 13. PSY.300 Research Methods
 - a. Scientific method
 - b. Scientific methodology in the context of social science
 - c. Issues of collection, presentation, interpretation and analysis of data;
 - d. Case studies and questionnaires;
 - e. Ethical issues;
 - f. Statistics and general mathematical skills (e.g. standard deviation, correlations)
 - g. Observational studies;
 - h. Validity and reliability;
 - i. The impact of psychological research on the economy



	g. Schizophrenia	
	h. Free Will	
	4. PSY.104 (Aggression)	
	a. Theories of aggression,	
	b. Evolution of aggression, and sex differences;	
	c. Aggression in prisons, and the stanford prison study;	
	d. Bystander effects;	
	e. The Lucifer Effect; Frustration	
	f. Twin Studies and genetics	
	5. PSY.105 (Human Relationships)	
	a. Sex and attraction	
	b. Evolution	
	c. Intimacy	
	d. Theories of attraction	
	e. Stress	
	6. PSY.106 (Issues and Debates)	
	a. Nature/nurture	
	b. Bias	
	c. Free will/determinism	
	7. PSY.107 (Approaches)	
	a. Psychodynamics	
	b. Humanism	
	c. Behaviourism	
	d. Biopsychology	
	e. Social Learning Theory	
Spanish	Aspects of Hispanic-speaking Society	Multiculturalism in Hispanic Society
	 <u>Traditional and Modern Values</u> - Changing family life/ marriage 	 <u>Immigration</u> – Positives + negatives/Hispanic World/Illegal immigrants'
	and divorce/Influence of church	problems
	 <u>Cyberspace</u>–Good and bad of internet/ 	<u>Racism</u> – Attitudes/opposing racism/legislation



	 Smartphones/Social networks – pluses + minuses 	 Integration – Integration/education/religions
	<u>Gender Equality</u> – Women in Work/Chauvinism and feminism/	
	LGBT rights + gay marriage	Political Life in the Hispanic World
		 <u>Citizens of Tomorrow</u> – Youth and politics/Unemployment/Ideal Society
	Artistic Culture	Monarchies and Dictatorships – Franco/Transition to Democracy/Latin
	 Influence of Idols – Singers and Musicians/TV and cinema 	American dictators
	stars/Fashion models	 <u>Popular movements</u> – Strikes/unions/Social protests
	 <u>Regional Identity</u> – Customs and traditions/ 	 <u>Cultural Topics</u> – Play - La Casa de Bernarda Alba
	Gastronomy/Languages	Film – EL Laberinto del fauno
	 <u>Cultural Heritage</u> – Pre-historic Spain and America/Artists and 	 Independent Research Topic – oral exam
	architecture/Music	
	<u>Cultural Topic</u> - La Casa de Bernarda Alba - play	Listening, reading, writing and speaking skills covered weekly
	Mercian MAT	Subjects
Ancient		•
History	An A Level in Ancient History will allow you to study the ancient world, its momentous events and its larger-than-life personalities, including: Alexander the Great, Caligula and King Leonidas of Sparta. You will see how ancient civilisations like the Romans, Greeks and Egyptians have shaped the world that we live in	
,		o allow you to gain a greater understanding of the literature of the peri od, including
	the first great historians like Herodotus, Thucydides and Livy.	
Drama &	Drama and Theatre studies is a challenging subject suited to students who	are creative, questioning and observant. Students who enjoy reading and watching
Theatre	plays, taking part in them; acting and directing will find this course extrem	ely stimulating and rewarding. Group work and collaboration is at the heart of this
Studies	course and students learn through experience, seeing theatre and making	theatre for themselves. It is a varied course with students studying a wide range of
	theatrical styles, plays, practitioners and theatre conventions; learning abo	out approaches to theatre and applying knowledge to practical and theoretical
	components.	
	disciplined and confident. During the course you will develop your acting s	urage students to become independent learners; a learner who is self-motivated,
	Performance'. You will also develop your writing skills as you critically anal	
	Performance . You will also develop your writing skills as you critically anal	yse scripts and performances over the duration of the two years.
	Skills: Pupils of Drama will develop skills such as:	
	Knowledge and understanding of a range of practical drama skills including	2:
	Acting: Directing: Costume: Set designing: Technical design	
	Understanding of the major theatrical styles	
	Performance techniques – interpretation, voice, physicality, stage	relationships with others



- Collaborative skills with others to present a performance piece
- Communication and problem-solving skills
- Design skills interpretation, visual and design impacts and set creation
- Technical abilities lighting and sound design, special effects, technology and appropriate equipment
- Practical skills from making masks and building sets to creation of period style and make-up
- Confidence, team-building, communication and other life skills.

There will be the opportunity to devise original work, develop understanding of how plays relate to historical, social and cultural context and consider the connections between theory and practice. In addition to Drama lessons students will go and see a number of live performances, access online Digital theatre shows and have the opportunity to work with a Theatre Company in a workshop context.

There are three components to the A-level:

Unit 1: Drama and Theatre:

This unit prepares you for the final written examination and during this module you will develop understanding of the theatrical processes and practices involved in interpreting and performing theatre, how conventions, forms and techniques are used in drama and live theatre to create meaning and how creative and artistic choices influence how meaning is communicated to an audience. Using a practical approach, you will learn how style, genre, form, structure, language, stage directions and character construction are used and applied to convey meaning and how performance texts are informed by their social, cultural and historical contexts and are interpreted and performed for an audience. Students will analyse and critique live theatre during the course and apply knowledge and understanding. of theatre to interpret two set texts from either a performance or director perspective.

Our set texts are:

• 'A Servant to Two Masters' by Carlos Goldoni: A Commedia Dell'Arte style play, expect huge laughs and lively fun from this physical, energetic comedy.

• 'Our Country's Good' by Timberlake Wertenbaker: A play that is set in the 1780's and explores the relationships between a group of Royal Marines who have been sent over to Australia and the convicts they have been sent over with.

Unit 2: Creating Original Drama:

Students learn how to create and develop original devised ideas to communicate meaning as part of the theatre making process. You will develop ideas, research relevant processes and theatre practices, apply what you have learnt from live performances, explore devising work, rehearsal methods and refine work in progress. You will study the work and methodology of one influential practitioner and apply working methods, principals, artistic intentions, style and conventions of this practitioner to your final piece. The assessment also includes preparatory and development work, shown through a working notebook.

Unit 3: Making Theatre:



interpretation of all three extracts. Paper 1 Listening / Reading / Writing. Aspects of German-speaking society Artistic culture in the German-speaking world Multiculturalism in German-speaking society
Aspects of political life in German-speaking society Grammar
Paper 2 is a written paper assessing: One text and one film or two texts from the list set in the specification Grammar
Paper 3 is the Speaking Test with Stimulus Card material followed by a more general conversation assessing: Individual research project One of four sub-themes i.e. aspects of German speaking society or artistic culture in the German speaking world or multiculturalism in German speaking society or aspects of political life in German speaking society.
The course builds upon and develops the skills of speaking, listening, reading and writing which have been acquired in GCSE work. An important difference is that the subjects concentrate not on basic transactional language but on wider social, political, economic and cultural issues. The course will develop not only skills, but also understanding of the grammatical systems of the languages studied; and give a better insight into the way of life, history, geography, political system, economic life and customs of countries where the languages are spoken. Students may also have the opportunity to study the literature of the country and where possible to visit the theatre, cinema or watch video and on-line material. Furthermore, experience of a working environment using languages is underlined by the possibility of a programme of work experience in Europe for Year 12 students and/or a study tour in the Summer
Topics include aspects of daily life, leisure and entertainment, communication, media and popular culture. Over the two year course students cover Listening, Composing and Performing in three units



	Subject Content: The course offers a variety of alternatives which enable students to submit work demonstrating their strengths in the subject. There are three units of study. External assessments take place in May of Year 13. In units 1 and 2 Students may opt for Option A or B. This flexibility means they can gain up to 35% in the option for higher study and 25% in the option where they choose the smaller amount of study.
	Unit 1: Performing (35% or 25%)
	Here students have the opportunity to perform both as a soloist and in ensembles. Performances can take place on any instrument, including voice. A
	recital is prepared for Year 13 and should last either for six to eight minutes (Option A) or twelve to fifteen minutes (Option B)
	Unit 2: Composing (25% or 35%)
	Students are required to compose two pieces. One from a brief set by the board and one working from their own brief. For opti on A, an extension to their
	composing comprises of four-part harmony and two-part counterpoint.
	Unit 3: Listening and Appraising (40%)
	This work is undertaken through the study of four areas. Areas 1 and 2 are compulsory and a further two are selected from areas 3-6. They are
	1: Instrumental Music of Haydn, Mozart and Beethoven
	2: Popular Song: Blues, Jazz, Swing and Big Band
	3: Developments in Instrumental Jazz from 1910 to the present day
	4: Religious Music of the Baroque period
	5: Programme Music
<u></u>	6: Innovations in Music 1900 to the present day
Photography	Photography at A level is an Art and Design based course.
	Component 01. Demond investigation
	Component 01: Personal investigation:
	During the personal investigation you will produce two elements:
	1. A portfolio of practical work showing your personal response to either a starting point, brief, scenario or stimulus, devised and provided by you or your staff.
	 A related study: an extended response of a guided minimum of 1000 words.
	Component 02: Externally-set task



	The early release paper will be issued to you by your staff from the exam board and will provide you with a number of themes, each with a range of written
	and visual starting points, briefs and stimuli.
	During the course you also study a range of themes to extend your photographic horizons. These include topics such as:
	• Portraiture • Landscape photography • Commercial photography • Still-life photography • Documentary photography • Experimental imagery • Editorial photography • Photographic installation • The photographic process • Moving image • Animation Textile Design
	Assessment:
	• Personal investigation (01) - 120 marks non exam assessment (internally assessed and externally moderated) this will be 60% of total A level
	• Externally set task (02) 80 marks - 15 hours non exam assessment.
Physical	Three units (units 1,2 and 3) are assessed by exam and marked by OCR (70% of qualification).
Education	The final unit is coursework based which is internally assessed by teachers and externally moderated by OCR. This section requires performance or coaching in a
	selected sport and a verbal evaluation of performance and action plan to improve (30% of qualification)
	You will study four units that are all mandatory.
	Physiological factors affecting performance
	Psychological factors affecting performance
	Socio-cultural issues in physical activity and sport
	Performance in physical education
	These units will give you an understanding of sport in the wider contexts of coaching and leadership, anatomy and physiology, the body's short and long term responses to physical activity, the framework of sport in the UK and the organisations involved and the psychological challen ges that sport can provide. You will also develop transferable skills such as planning, communication, adaptability and leadership .
Politics	Subject Content:
	Unit 1: Government and Politics of the UK People, Politics and Participation:
	An introduction to the political world: Why do people vote? Who do they vote for? How do elections work? Why do people take part in political protests?
	Governing Modern Britain
	How is Britain governed? How are laws made? Who holds the real power in this country?
	Unit 2: Government and Politics of the USA Politics of the USA
	This unit looks at how Politics in the USA is conducted. How is the President elected? What is the difference between a Primary and a Caucus? Why do Republicans
	and Democrats dominate? How much power do pressure groups in the USA wield?



Government of the USA How is the USA governed? What is the difference between a senator and a governor? How much power does the president really have? What is the constitution?
Unit 3: Political Ideas Students study 4 ideologies including the 3 core ideologies of liberalism, conservatism and socialism. They will also study one non-core ideology, Nationalism.