



POST 16 COURSES

2024 - 2026

QUEENSMEAD SCHOOL
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QUEENSMEAD
excellence through learning

I am delighted that you are considering Queensmead School for your Post 16 education.

Our Post 16 students benefit from superb facilities, including our well-appointed Post 16 Common Room for our students to enjoy during their private study sessions as well as before school, at break times and after school should they wish. This recently refurbished facility only adds to our already outstanding teaching and learning, exceptionally well resourced facilities and bespoke pathways support to ensure that all students go on to fulfil their ambition and potential. As part of their studies, all Post 16 students will receive a Google Chromebook on loan from the school to support them with their learning while in school and at home.

Queensmead School continues to outperform most local schools as well as perform admirably when compared to schools nationally, both at GCSE and Post 16. Our comprehensive curriculum offer, which includes both A Level and vocational Level 3 courses, means we are able to cater for a wide range of different students, regardless of their prior attainment and subject preference. Our curriculum offer is supplemented by a host of enrichment and extracurricular activities throughout their two year course, which students can get involved with to provide them with experiences outside of the classroom.

As a school, we will leave no stone unturned when it comes to supporting each and every one of our students throughout their programme of study, while ensuring they receive all of the necessary support to allow them to go on and pursue their next steps - whether that's a place at university, an apprenticeship or employment.

I very much look forward to welcoming you to Queensmead School.

Mr N Briggs

Assistant Headteacher

Head of Post 16 Education

**“Queensmead
School continues
to outperform
most local schools
as well as perform
admirably when
compared to schools
nationally, both at
GCSE and Post 16.”**



2024 SUBJECT ENTRY REQUIREMENTS

For **A Level** subjects, students must achieve 4 GCSE grades 9-6 and 7 GCSE grades 9-4 (Maths and English grade 5) and meet the course requirements below.

For **Vocational subjects**, students are expected to obtain 5 GCSE grades 9-4 (Maths and English grade 4) and meet the course requirements below.

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Art, Craft and Design	Grade 6 in Art	6
Biology	Grade 7 in Biology or grade 77 in Combined Science	7
Business Studies	Grade 5 in English and Maths	8
Chemistry	Grade 7 in Chemistry or grade 77 in Combined Science	9
Classical Civilisation	Grade 6 in one of Classical Civilisation, History or Geography	10
Computer Science	Grade 7 in Maths and 6 in Computing	11
Economics	Grade 6 in English and Maths	12
English Literature	Grade 6 in English Language or English Literature	13
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Law	Grade 6 in History or Geography	18
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VOCATIONAL LEVEL 3 COURSES (BTEC unless stated otherwise)		
Applied Science	Grade 55 in Combined Science	28
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Creative Digital Media Production	Grade 5 in English Language or Literature	30
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Engineering	Grade 6 in DT or Merit in Engineering and 6 in Maths	32
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Performing Arts	Vocational entry criteria	35
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ENROLMENT FOR POST 16 COURSES

HOW TO APPLY

Applications will open on **Friday 17th November 2023**. The application form will be available on the school website queensmeadschool.org.uk

Current Queensmead students:

Students will need to complete an online application form.
A member of the school leadership group will meet with students to discuss their options and offer any extra support.

External students:

Students will need to complete an online application form.
Our Post 16 team will then contact you regarding the next steps of the application process.

A LEVEL COURSES



ART, CRAFT AND DESIGN

A Level

EXAM BOARD: OCR

COURSE OVERVIEW

The Art, Craft and Design combined disciplines A Level offers students a broad and exciting experience. The course covers a range of specialisms, including, fine art, photography, 3D design and graphic communication.

Students are introduced to a range of historical and contemporary artists, both in the classroom and through visits to art galleries. Due to the variety of specialisms on offer, this course is not only perfect for those who wish to study art in the future, but would also suit those who enjoy art and want to boost their creativity.

COURSE STRUCTURE

YEAR 12	YEAR 13
In Year 12 you will take part in a series of creative workshops, across the specialisms. These workshops include illustration, painting, photography and ceramics. You will then create a portfolio of artwork based around your chosen theme or topic.	In Year 13 you will begin by continuing your portfolio and produce a final visual response to your chosen theme. You will then create a second portfolio of work based on a theme set by the exam board. Throughout, you will draw upon inspiration from artists and explore a range of creative techniques and processes.

“Art gives me the opportunity to relax and be creative. I also find that it’s a good way to be mindful and relieve stress. It’s also fun.”

ENTRY REQUIREMENTS

Grade 6 in Art. A portfolio of work.

CAREER PATHWAYS

Whether it's in photography, graphic design, painting or any other art-related speciality, career options are limited only by your imagination. Art education propels people towards an expansive choice of creative destinations.



FOR FURTHER DETAILS PLEASE CONTACT: **Ms Chahal (Head of Art)** kchahal@qmschool.org.uk

BIOLOGY

A Level

EXAM BOARD: OCR

COURSE OVERVIEW

A Level Biology is divided into topics covering key concepts with practical skills integrated throughout the theoretical topics. The course offers the opportunity to deepen understanding of biological processes and apply this knowledge to engaging real life contexts.

COURSE STRUCTURE

YEAR 12

Foundations in Biology: cell structure, biological molecules, nucleotides & nucleic acids, enzymes, cell division, diversity and organisation.

Exchange and transport: exchange surfaces, transport in plants & animals.

Biodiversity, evolution and disease: pathogens & defence, populations & ecosystems, classification & evolution.

ENTRY REQUIREMENTS

Students must achieve GCSE grade 7 in Biology (Triple Science) or grade 77 in Combined Science and must be confident in planning, carrying out and analysing practical investigations.

YEAR 13

Communication, homeostasis and energy: excretion, hormonal & neuronal communication, plant & animal responses, photosynthesis, respiration.

Genetics, evolution and ecosystems: cellular control, patterns of inheritance, manipulating genomes, cloning & biotechnology, ecosystems, populations & sustainability.

ASSESSMENT

Paper 1: Biological processes - written examination, 37% of qualification.

Paper 2: Biological diversity - written examination, 37% of qualification.

Paper 3: Unified Biology - written examination, 26% of qualification.

Practical skills are assessed throughout the course.

CAREER PATHWAYS

Careers which could follow on from an A Level in Biology include Medicine, Nursing/Midwifery, Environmental & Marine Biology, Pathology and Forensic Science, Veterinary Science and Psychiatry. Biologists are competent in practical and analytical skills that are transferable to many different areas and sought after by employers.

“It is fascinating learning about the processes and interactions between living organisms.”



FOR FURTHER DETAILS PLEASE CONTACT: Mrs Lewis (Head of Biology) elewis@qmschool.org.uk

BUSINESS STUDIES

A Level

EXAM BOARD: PEARSON

COURSE OVERVIEW

This course will appeal to students who have an interest in the business world. It will enable you to focus on the dynamic nature of the contemporary business landscape. It will provide many opportunities to explore and research topical business issues that will be of interest.

COURSE STRUCTURE

YEAR 12	YEAR 13
Theme 1 Marketing and people focusing on how businesses market their products and services and how employees are managed in the workplace.	Theme 2 Managing business activities involves investigating how businesses raise finance and manage their resources effectively.
Theme 4 Global business details how their global economy functions and how businesses are able to take advantage of the growth in world trade.	Theme 3 Business decisions and strategy studies how business leaders set objectives and develop their competitiveness.



“I enjoy business because it is interesting and engaging. I particularly enjoy keeping up to date with the news as so much of what we learn in the subject is relevant to current affairs.”

ASSESSMENT

This is a linear course and students will sit three exams at the end of two years. There is no coursework:

Paper 1: 35% of A Level grade 100 marks available.

Paper 2: 35% of A Level grade 100 marks available.

Paper 3: 30% of A Level grade 100 marks available.

CAREER PATHWAYS

Students who study A Level Business develop key skills that are applicable to all walks of life, but are especially useful for students looking to study business related courses at university or students who are seeking employment after Post 16 education.

FOR FURTHER DETAILS PLEASE CONTACT: **Mr S Grace (Head of Business and Economics)** sgrace@qmschool.org.uk

CHEMISTRY

A Level

EXAM BOARD: OCR (A)

COURSE OVERVIEW

A Level Chemistry offers an interesting and challenging opportunity to deepen and broaden your understanding of chemical concepts. The OCR course is developed based on real-life contexts, allowing you to apply your developing knowledge to the world around you.

COURSE STRUCTURE

YEAR 12

Foundations in Chemistry: Atoms, moles, formulae, equations, reaction calculations, bonding.

Periodic Table: ionisation energy, Groups 2 and 7, testing for ions.

Energy: enthalpy changes, catalysts, equilibrium constant.

Core Organic Chemistry: drawing and naming molecules, alkanes, alkenes, alcohols, haloalkanes, analysis techniques.

ENTRY REQUIREMENTS

Students must achieve GCSE grade 7 in Chemistry (Triple Science) or grade 77 in Combined Science and must be confident in planning, carrying out and analysing practical investigations.

YEAR 13

Physical Chemistry & Transition elements: reaction rates and equilibrium, acids and bases, enthalpy and entropy, redox, electrode potentials, transition metals, complex ions.

Organic Chemistry & Analysis: aromatic organic compounds, carbonyl chemistry, nitrogen compounds, organic synthesis, chromatography, NMR analysis techniques.

ASSESSMENT

Paper 1: Inorganic Chemistry - written examination, 37% of qualification.

Paper 2: Organic Chemistry - written examination, 37% of qualification.

Paper 3: Unified Chemistry - written examination, 26% of qualification.

Practical skills are assessed throughout the course.

CAREER PATHWAYS

After studying Chemistry at Queensmead, students have gone on to study Medicine, Chemical Engineering, Biomedicine, Biochemistry, Dentistry, Pharmacy, Pharmacology, Optometry and many more.

“Chemistry is difficult, but then it’s really enjoyable when you get it!”



FOR FURTHER DETAILS PLEASE CONTACT: Mr F Chaudhary (Head of Chemistry) fchaudhary@qmschool.org.uk

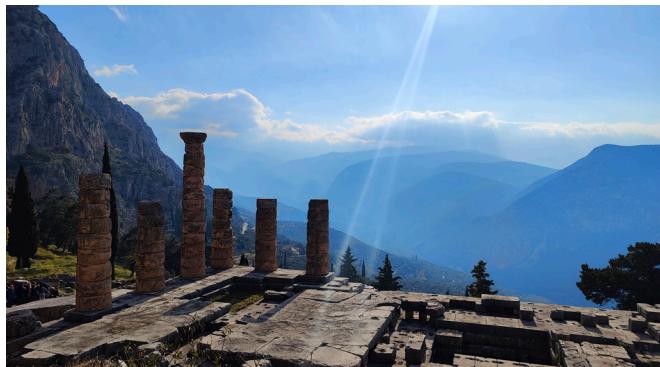
CLASSICAL CIVILISATION

A Level

EXAM BOARD: OCR

COURSE OVERVIEW

A Level Classical Civilisation (OCR) offers students the opportunity to delve into the mythological world of Ancient Greece and Rome by exploring the culture, politics and literature that defined the era. Alongside this we will look at evil emperors, ancient fragments of text and epic battles. We offer annual foreign trips to Italy or Greece. The subject is highly regarded by top universities. It appeals to students who enjoy Drama, Literature, History and Archaeology.



COURSE STRUCTURE

YEAR 12

In Year 12 you will study the rise of the first Roman Emperor, Augustus, by looking at his propaganda. At the same time you will read and analyse the Homeric epic poem *The Odyssey*, learning about the many trials and tribulations of the protagonist on his journey to get home to his family.

YEAR 13

In Year 13 you will study the fall of the Roman Republic by looking at a range of key figures such as Cato the Younger, Julius Caesar and Cicero. At the same time you will read and analyse the Roman epic poem *The Aeneid*, learning about the mythical founding of the Roman race.

ASSESSMENT

You will sit three papers at the end of Year 13

Imperial Image: written exam, 30% of your grade

Politics of the Late Republic: written exam, 30% of your grade

World of the Hero: written exam, 40% of your grade

ENTRY REQUIREMENTS

Students must achieve a GCSE grade 6 in Classical Civilisation, History or Geography.

CAREER PATHWAYS

Studying Classical Civilisation develops your ability to analyse a wide range of evidence and reach a well justified conclusion. This makes it a perfect subject for students interested in many careers, including Law, Politics, Journalism, Teaching, PR, Marketing and Creative Arts. Universities and employers increasingly want individuals who can think creatively and evaluate large amounts of information, something that this A Level demands on its students.

“Classics has always been a great love of mine and to develop my learning beyond a hobby has given me great enjoyment. It has helped me understand complicated texts and interpret archaic language.”

FOR FURTHER DETAILS PLEASE CONTACT: **Mr Firth (Head of History)** bfirth@qmschool.org.uk

COMPUTER SCIENCE

A Level

EXAM BOARD: OCR

COURSE OVERVIEW

There is a world out there just bursting with invention and opportunities and most of which is driven by computer and communications technologies. The first part of your course will explore the fundamentals of computer science. This is where you learn how programming is used in the real world of work. This course will encourage you to solve problems using your programming and algorithmic thinking skills.

COURSE STRUCTURE

YEAR 12	YEAR 13
In Year 12 you will be taught all the topics for the computer systems unit (component 1) and the algorithms and programming unit (component 2). Throughout the year there will be regular assessments to help develop exam technique and improve subject knowledge. In the spring term you will come up with ideas for your programming project which you will pitch to your teachers. You will complete the analysis and design sections of the project in Year 12. The coding element of the project will also be underway.	The initial primary focus in Year 13 will be your programming project. You would have continued programming over the summer break and added functionality to your solution. In the first term you will finalise your program. In the second term you will complete the testing and evaluation sections. Throughout the year your teachers will go over the theory topics and ensure you are assessed at regular intervals. Both examination units will be sat in the summer of Year 13.

ASSESSMENT

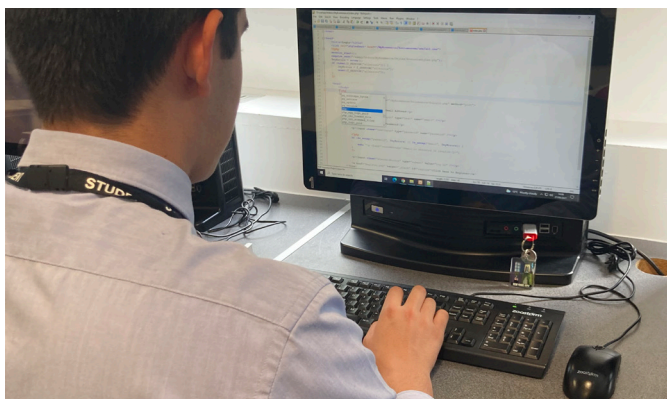
Paper 1: Computer systems - Written examination: 40% of the qualification

Paper 2: Algorithms and programming - Written examination: 40% of the qualification

Programming project: Non-examination assessment: 20% of the qualification

CAREER PATHWAYS

The career opportunities are vast and always expanding due to the constantly evolving technology sector. People who are interested in this subject area choose careers which involve programming where they can showcase their logical and problem solving skills. Typical careers in this subject area include; computer game development, computer engineering, computer graphic design, mobile application development, computer forensics, robotics engineering, software development and programming.



“It requires me to think outside the box, be creative, and develop my problem solving skills. One of my favourite topics is algorithms because they solve complex problems by breaking it down into smaller and simpler parts.”

FOR FURTHER DETAILS PLEASE CONTACT: **Mr D Holmes (Head of Computing)** dholmes@qmschool.org.uk

ECONOMICS

A Level

EXAM BOARD: PEARSON

COURSE OVERVIEW

This course will appeal to students who have an interest in exploring current issues. Students will develop an understanding of the way Economics explains real world phenomena, both in their everyday life and in a global context. In lessons, students will develop a 'tool kit' of the knowledge and skills used by economists.

COURSE STRUCTURE

YEAR 12	YEAR 13
Theme 1 Introduction to markets and market failure investigates how markets work and the nature of economics.	Theme 3 Business behaviour and the labour market details market structures and revenues, costs and profits
Theme 2 The UK economy - performance and policies involves the study of aggregate supply and demand and economic growth.	Theme 4 A global perspective studies emerging and developing economies and the role of the state in the macroeconomy.

ENTRY REQUIREMENTS

Students must achieve a GCSE grade 6 in English and Maths. A GCSE in Economics is helpful, but not essential.

ASSESSMENT

This is a linear course and students will sit 3 exams at the end of the 2 years. There is no coursework.

Paper 1: 35% of A Level grade 100 marks available

Paper 2: 35% of A Level grade 100 marks available

Paper 3: Synoptic 30% of A Level grade 100 marks available

“It is great to study Economics because it is a part of all of our lives and allows me to have an understanding of world affairs and how they impact me.”

CAREER PATHWAYS

Students who study Economics develop key skills that are applicable to all walks of life, but are especially useful for students looking to study Business or Economics related courses at university.



FOR FURTHER DETAILS PLEASE CONTACT: **Mr S Grace (Head of Business and Economics)** sgrace@qmschool.org.uk

ENGLISH LITERATURE

A Level

EXAM BOARD: AQA (SPECIFICATION B)

COURSE OVERVIEW

A Level English Literature is both exciting and challenging, offering the chance to read and explore stories from across the ages and across the globe. Through the study of novels, poetry and plays, students become critical readers and writers, able to analyse and evaluate the written word, refining the skill of argument and debate, while also undertaking independent research, all essential skills for many future careers and skills that benefit study in other subjects.

COURSE STRUCTURE

YEAR 12

In Year 12, you will study the genre of political and social protest, exploring the way literature becomes a vehicle to protest against social injustices and the corruption of those in power. You will also begin preparation for the non-exam assessment, studying the other lenses through which we perceive literature - for this part of the course, you choose the texts you study.

ASSESSMENT

Paper 1: Aspects of tragedy - a written examination, worth 40%, at the end of Year 13

Paper 2: Elements of political and social protest writing - a written examination, worth 40%, at the end of Year 13

Non-exam assessment: Theory and independence, 20% of the qualification, made up of two written pieces

YEAR 13

In Year 13, you will explore aspects of the literary genre of tragedy, building upon your knowledge from GCSE. If you enjoyed the darker and more sinister side of the GCSE texts, you will enjoy the A Level texts even more! They truly explore the dangerous and the cruel side of humanity. During this year, you will finalise your non-exam assessment portfolio.

ENTRY REQUIREMENTS

You need to achieve at least a grade 6 in either GCSE English Literature or GCSE English Language

CAREER PATHWAYS

Literature is a facilitating subject, developing a wealth of transferable skills perfect for an array of potential careers. From publishing, editing and working in the media, to roles in management, public relations, marketing and advertising - roles where language, communication and understanding are paramount. Equally, it is a natural stepping stone to the study of the law, roles in government, careers in finance and event management.



“The best parts about this course are the debates and the interactive learning, which are so different and more fun than GCSE. It also allows me to pursue creative writing at university.”

FOR FURTHER DETAILS PLEASE CONTACT: Miss Scott (Head of English) dscott@qmschool.org.uk

FRENCH

A Level

EXAM BOARD: AQA

COURSE OVERVIEW

This course would be suited to keen linguists who have an interest in learning more about the countries and cultures related to the French language. Due to the political, cultural and socioeconomic nature of the course, as well as the cinematographic and literature content, this course would also serve as an excellent companion for anyone taking related subjects such as History, Geography and Literature or who is thinking of taking them at university.

COURSE STRUCTURE

YEAR 12	YEAR 13
<p>Listening Reading and Writing (3hrs per week): The changing nature of family; The 'cyber-society'; The place of voluntary work; A culture proud of its heritage; Contemporary francophone music and Cinema; The 7th art form</p> <p>Writing (1hr per week): The book "Boule de Suif" by Guy de Maupassant</p> <p>Speaking (1hr per week): Focus on topic stimulus cards</p>	<p>Listening Reading and Writing (3hrs per week): Positive features of a diverse society; Life for the marginalised; How criminals are treated; Teenagers, the right to vote and political commitment; Demonstrations and strikes – who holds the power?; Politics and immigration</p> <p>Writing (1hr per week): The film "Un long dimanche de fiançailles" from director Jean-Pierre Jeunet</p> <p>Speaking (1hr per week): Focus on topic stimulus cards and individual research project</p>

“Learning French has broadened my horizons and granted me access to a new, rich culture that I can now communicate and interact with.”

ENTRY REQUIREMENTS

Students must have achieved a 6 at GCSE in French and be confident that they can cope with essay writing in French.

CAREER PATHWAYS

An A Level qualification in French is a strong asset for careers in Leisure, Tourism, Marketing, Retail, Publishing, Engineering and Translation. Many companies and educational institutions actively seek applicants who are bilingual or multilingual and so a language A Level could be useful regardless of your intended academic or career path as it will give you an instant advantage over other candidates

FOR FURTHER DETAILS PLEASE CONTACT: **Mr Clarke (Head of MFL)** aclarke@qmschool.org.uk

SPANISH

A Level

EXAM BOARD: AQA

COURSE OVERVIEW

This course would be suited to keen linguists who have an interest in learning more about the countries and cultures related to the Spanish language. Due to the political, cultural and socioeconomic nature of the course as well as the cinematographic and literature content this course would also serve as an excellent companion for anyone taking related subjects such as History, Geography and Literature.

CAREER PATHWAYS

An A Level qualification in Spanish is a strong asset for careers in Leisure, Tourism, Marketing, Retail, Publishing, Engineering and Translation. Many companies and educational institutions actively seek applicants who are bilingual or multilingual and so a language A Level could be useful regardless of your intended academic or career path as it will give you an instant advantage over other candidates.

COURSE STRUCTURE

YEAR 12	YEAR 13
<p>Listening, Reading and Writing (3hrs per week): Traditional and modern values; Cyberspace; Gender equality; The influence of pop culture; Regional identity and cultural heritage</p> <p>Writing (1hr per week): The book "La Casa de Bernarda Alba" by Federico García Lorca</p> <p>Speaking (1hr per week): Focus on topic stimulus cards</p>	<p>Listening, Reading and Writing (2hrs per week): Immigration; Racism; Integration and acceptance; Young people's role in society; Monarchy and dictatorship; Social movement</p> <p>Writing (2hrs a week): The film "El Laberinto del Fauno" from director Guillermo del Toro while continuing to analyse the book</p> <p>Speaking (1hr a week): Focus on topic stimulus cards and individual research project</p>

ASSESSMENT

Paper 1: Listening, Reading and Writing- Written examination: 50% of the qualification

Paper 2: Writing- Written examination: 20% of the qualification

Paper 3: Speaking- Oral examination: 30% of the qualification

ENTRY REQUIREMENTS

Students must have achieved a 6 at GCSE in Spanish and be confident that they can cope with essay writing in Spanish.

“The helpful, enthusiastic teachers and the interesting cultural information, has really expanded my interests and changed the way I think.”

FOR FURTHER DETAILS PLEASE CONTACT: **Mr Clarke (Head of MFL)** aclarke@qmschool.org.uk

GEOGRAPHY

A Level

EXAM BOARD: PEARSON

COURSE OVERVIEW

Geography is highly valued by universities as an A Level choice and combines well with both arts and science subjects. It is a facilitating subject, meaning that it can be useful for a whole range of university courses and will help you keep your options open. Geography opens doors to degrees such as business, law, engineering and technology, and the other social physical sciences. Geographers will develop an excellent locational knowledge, high-level analytical skills, will be able to solve problems associated with government and management, and gain a genuine in-depth awareness of modern issues and debates.

CAREER PATHWAYS

In a world that increasingly values who can work across the physical and social sciences, it is easy to see why Geography is so popular. Geographers are eminently employable as they have lots of transferable skills that employers look for. Typical careers in Geography include; town planning, conservation officer, GIS Officer, landscape architect, environmental consultant, teacher/lecturer, market researcher, and many more. Geographers are also employed in a wide range of other sectors such as journalism, law, finance, transport, government, business and marketing.

YEAR 12

In Year 12 you will study a range of physical and human geographical issues including: tectonic hazards, coastal conflict and change, globalisation and regeneration. You will also carry out fieldwork to enable you to complete your independent investigation.

YEAR 13

In Year 13 you will study a range of physical and human geographical issues including: water insecurity, energy security, future challenges of climate change, changing superpowers, human rights and migration. You will also draw synoptically on your knowledge and understanding from all eight topics to prepare you for paper 3..

COURSE STRUCTURE

ASSESSMENT

Paper 1: Physical Geography: Written examination: 30% of the qualification

Paper 2: Human Geography: Written examination: 30% of the qualification

Paper 3: Synoptic Paper: Written examination: 20% of the qualification

Independent Investigation: Non-examination assessment: 20% of the qualification

ENTRY REQUIREMENTS

Students should have achieved a grade 6 in GCSE Geography to study this subject at A Level.



“Geography is an excellent subject to assist with skills such as data analysis and debating; it also helps keep people informed on topical subjects such as climate change. I’m hoping to carry these skills through when I study Geography at university.”

FOR FURTHER DETAILS PLEASE CONTACT: **Ms Sweeney (Head of Geography)** nsweeney@qmschool.org.uk

HISTORY

A Level

EXAM BOARD: PEARSON

COURSE OVERVIEW

History A Level is an extremely well-respected qualification. It is one of the leading subjects taken into account by the top universities for selecting potential students.

COURSE STRUCTURE

YEAR 12	YEAR 13
In Year 12 you will study the history of 20th century Britain and the USA. This will require you to engage with and analyse a range of historical sources and interpretations.	In Year 13 you will study the growth and then decline of witchcraft accusations in Europe and North America during the early modern period. You will also write coursework about who you consider to be the most responsible for the Cold War.

ASSESSMENT

There are three exams that you will sit at the end of Year 13.

The Britain paper is worth 30% of your total grade

The Witchcraft paper is worth 30% of your total grade

The America paper is worth 20% of your total grade

The remaining 20% of your grade comes from the coursework which you will have completed during Year 13

CAREER PATHWAYS

Studying History develops your ability to analyse a wide range of evidence and reach a well justified conclusion. This makes it a perfect subject for students interested in many careers, including Law, Politics, Journalism, Teaching, PR, Marketing and Creative Arts.

ENTRY REQUIREMENTS

A grade 6 in GCSE History.

“I love learning A-Level History because it covers some of the most fascinating parts of history that I greatly enjoy and learn new areas that previously had been unknown to me.”



FOR FURTHER DETAILS PLEASE CONTACT: **Mr Firth (Head of History)** bfirth@qmschool.org.uk

LAW

A Level

EXAM BOARD: OCR

COURSE OVERVIEW

A Level Law is a popular subject at Queensmead School. It is stimulating, challenging and will develop your abilities to organise information, present logical arguments and persuade others. A Level Law can provide invaluable preparation for a Law degree but is not a requirement to study Law at university. If you find complex problems interesting, or enjoy working out who is right and wrong in different circumstances then Law is the A Level for you!

COURSE STRUCTURE

YEAR 12

We study how the legal system works together with how laws are made. We also start looking at the criminal law and the law of torts (which is used to seek compensation).

CAREER PATHWAYS

Students who take a course in Law will acquire knowledge useful for potential future legal careers as Solicitors, Barristers or Legal Executives. The course is also suitable for those interested in careers in Business, Policing, Prison Service or the Civil Service at central and local government levels, or an aspiring professional in any field..

ASSESSMENT

YEAR 13

We complete our work on criminal and tort law as well as studying the law of contract and some aspects of the philosophy of law. This involves looking at a range of legal cases and going through the correct procedures to decide the outcome.

You will sit 3 papers at the end of Year 13.

The legal system and criminal law which makes up 33% of your final grade

Law making and the law of torts which makes up 33% of your final grade

The nature of law and contract law which makes up 33% of your final grade

ENTRY REQUIREMENTS

Students must achieve a GCSE Grade 6 in either History or Geography.



“It is entertaining to read about certain cases. I also like being able to know the law so I can apply it to real life situations and prove everyone wrong!”

FOR FURTHER DETAILS PLEASE CONTACT: **Mr Firth (Head of History)** bfirth@qmschool.org.uk

MATHEMATICS

A Level

EXAM BOARD: PEARSON

COURSE OVERVIEW

Maths has become the most popular A Level due to the range of university courses and apprenticeships it opens up for young people. While it is necessary for most science, engineering and computing courses, studying the subject at A Level also allows students to successfully apply for subjects with little mathematical content at Russell Group universities and Oxbridge.

“The Maths teachers at Queensmead helped me get into studying Law at Oxford. I doubt I’d have gotten the offer if I hadn’t done Maths.”

COURSE STRUCTURE

YEAR 12	YEAR 13
Students will explore a range of topics in pure maths such as calculus, proof, exponentials and logarithms and coordinate geometry. In mechanics students will consider problems involving forces, kinematics and variable acceleration. In statistics students will use a large data set to explore averages and spread, representing data and will explore probability, binomial distribution and hypothesis testing.	Students will deepen their knowledge of Year 12 Pure content and explore new topics such as parametric equations, radian measure and numerical methods. In Mechanics students will deepen their understanding of Year 12 content but will explore new topics such as projectiles. In statistics they will build on their work in hypothesis testing applying it to correlation and normal distribution.

ASSESSMENT

Pure Paper 1 100 marks 2 hours

Pure Paper 2 100 marks 2 hours

Statistics and Mechanics 50 Marks for each 2 hours

ENTRY REQUIREMENTS

At least a grade 7 at GCSE Maths is required.

CAREER PATHWAYS

Maths marks the distinction between a science and a humanity. Apart from more obvious paths like Science, Technology and Engineering, Maths is required for degrees like Psychology and Economics at more prestigious universities.



FOR FURTHER DETAILS PLEASE CONTACT: **Mr Thorne (Head of Maths)** dthorne@qmschool.org.uk

FURTHER MATHEMATICS

A Level

EXAM BOARD: PEARSON

COURSE OVERVIEW

Further Maths has increased in popularity in recent years. The most prestigious universities expect students to have studied the subject if applying for STEM courses, and it will certainly put you at an advantage over those who don't. Many universities offer reduced entry grades and even special bursaries for Further Mathematicians. The content of the course complements both A Level Physics and Computing as well.

ASSESSMENT

Core Pure 1 75 marks 90 mins

Core Pure 2 75 marks 90 mins

Decision 1 75 marks 90 mins

Further Mechanics 1 75 marks 90 mins

COURSE STRUCTURE

YEAR 12

In Pure, students will be introduced to such topics as complex numbers, roots of polynomials, matrices and vectors as well as proof by induction. In Decision maths students will be introduced to a raft of algorithms such as sorting, shortest path and algorithms to determine the optimal solution to problems. In Further Mechanics students will explore topics including springs and strings, collisions in 1 dimension and oblique collisions in 2 dimensions.

YEAR 13

Students will build on their Pure knowledge from Year 12 and also explore in depth first and second order differential equations. In addition, they will study coupled differential equations as well as being introduced to the polar coordinate system.

ENTRY REQUIREMENTS

At least a Grade 8 at GCSE Maths, and you will also study A Level Maths.

CAREER PATHWAYS

Further Maths will be a prerequisite for Science, Technology and Maths subjects at Oxbridge and the most prestigious Russell Group universities. Former Queensmead Further Mathematicians have gone to work in the City of London, the intelligence services and academia.

“Studying Further Maths helped me make a successful application for Engineering at Cambridge. The teachers helped me prepare for the entrance exam too.”



FOR FURTHER DETAILS PLEASE CONTACT: **Mr Thorne (Head of Maths)** dthorne@qmschool.org.uk

PE

A Level

EXAM BOARD: OCR

COURSE OVERVIEW

A Level in Physical Education develops knowledge, understanding and skills relevant to physical education. Students gain understanding of the scientific and sociocultural factors that underpin physical activity, and demonstrate their ability as either performer or coach.

COURSE STRUCTURE

YEAR 12	YEAR 13
Units include: Sport and Exercise Science-Unit 1 Skill Acquisition-Unit 1 Sports Psychology-Unit 1 The History of Sport-Unit 1	Units include: Sport and Exercise Science-Unit 2 Skill Acquisition-Unit 2 Sports Psychology-Unit 2 Sport Injury Rehabilitation Socio-Cultural Issues in Sport

ASSESSMENT

Paper 1 Physiological factors affecting performance:
2 hours/30% of the overall grade

Paper 2 Psychological factors affecting performance: 1 hour/20% of the overall grade

Paper 3 Socio-cultural issues in physical activity and sport: 1 hour/20% of the overall grade

Performance in physical education (non-exam assessment): written coursework and practical assessment in one sport, 30% of the overall grade

CAREER PATHWAYS

Traditional pathways include performing, coaching, instructing, organising, officiating and sports medicine. There are also many industries associated with the sport and leisure sector including sport & recreation and health & fitness. This along with a diverse range of vocational options available including: apprenticeships, diplomas, foundation degrees and NVQs.

ENTRY REQUIREMENTS

Students must achieve a GCSE grade 6 in Science or a grade 6 in PE. A merit in BTEC Sport is also acceptable. Students should have a genuine interest in PE in both the practical and theoretical elements and participate in sport for a club outside of school. As part of the course students are expected to assist with lower school clubs/fixtures.



“I enjoy PE, teachers link the new information to sport and that makes it easier to learn and remember”

FOR FURTHER DETAILS PLEASE CONTACT: **Mr L Fernandes (Head of PE)** lfernandes@qmschool.org.uk

PHYSICS

A Level

EXAM BOARD: AQA

COURSE OVERVIEW

From the laws of nature to the practical skills applied by Engineers, Scientists and others around the world everyday, A Level Physics is the most demanding and in demand of the sciences.

COURSE STRUCTURE

YEAR 12	YEAR 13
<ul style="list-style-type: none">MechanicsWavesElectricityMaterialsQuantum PhysicsCircular Motion	<ul style="list-style-type: none">GravitationNuclear PhysicsElectric FieldsElectromagnetismOscillationThermal Physics & Engineering

ASSESSMENT

Paper 1: Periodic motion. Written examination, 34% of the qualification

Paper 2: Thermal Physics. Written examination, 34% of the qualification

Paper 3: Practical skills & Engineering Physics. Written examination, 32% of the qualification

CAREER PATHWAYS

Queensmead physicists have gone on to study all types of engineering, from civil to aeronautical, at the best universities in the country. Past students have also used their Physics A Level to help them apply for less obvious subjects, such as Maths and Computing, at Oxbridge and other elite destinations.

“Studying Physics at Queensmead prepared me for courses on General Relativity and Quantum Physics as part of my Maths degree at uni. It’s been pretty mind blowing.”

ENTRY REQUIREMENTS

Students must achieve GCSE grade 7 in Physics (Triple Science) or grade 77 in Combined Science. It is recommended that you also study Maths.



FOR FURTHER DETAILS PLEASE CONTACT: **Mr P Cullen (Head of Physics)** pcullen@qmschool.org.uk

PRODUCT DESIGN

A Level

EXAM BOARD: AQA

COURSE OVERVIEW

In this course, students develop an understanding of a broad range of materials, with emphasis on the life cycle of products, manufacture and final disposal. This specification considers the broader issues for the designer including the environmental sustainability of products and consumer safety.

COURSE STRUCTURE

YEAR 12

In Year 12 you will study a range of practical processes including; welding, forming, wood turning, plastic forming processes that will be reinforced by the theory side of the course where we will learn about different material properties. Towards the end of Year 12 the non exam assessment starts which will continue into Year 13.

YEAR 13

In Year 13 you will study a range of design and making principles including; design movements and critical analysis of existing designs. You will also continue to work on your final year project and create a solution to a problem of your own choosing.

ENTRY REQUIREMENTS

It is recommended that candidates should have acquired the skills and knowledge associated with a GCSE Design and Technology course or equivalent. GCSE grade 6 in Design Technology and grade 5 in Maths is required.

ASSESSMENT

Paper 1: Materials, components and application (30% of A Level)

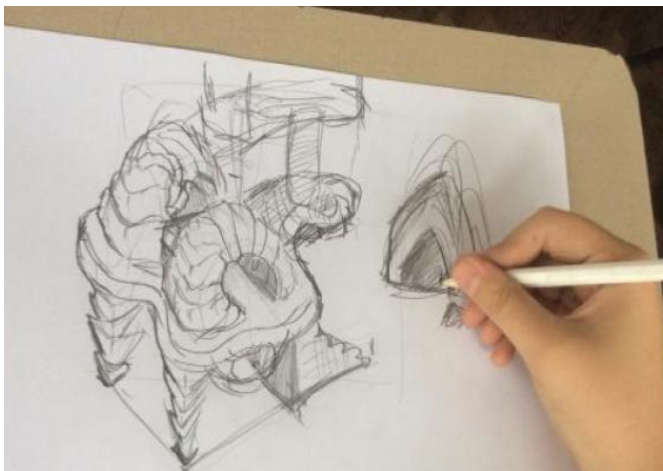
Paper 2: Product analysis & commercial manufacture. (20% of A Level)

Non Exam Assessment: Learning through designing and making internal projects (50% of A Level)

CAREER PATHWAYS

The A Level can be the foundation for doing a degree, HND and can lead to careers in:

- Industrial Design
- Interior Designer
- Brand Designer
- Graphic Designer
- Automotive Design
- Packaging Designer
- Product Designer
- Model Making
- Product Design
- Furniture Design
- Cabinet Making



FOR FURTHER DETAILS PLEASE CONTACT: **Mr B Jivan (Head of DT)** bjivan@qmschool.org.uk

PSYCHOLOGY

A Level

EXAM BOARD: AQA

COURSE OVERVIEW

Psychology is the study of human behaviour and experience. This course will introduce you to the theories and methods of Psychology. It offers the opportunity to look at some of the explanations psychologists give to help us understand the fundamental questions of human behaviour.

COURSE STRUCTURE

YEAR 12	YEAR 13
<p>Paper 1: Social Influence, Memory, Attachment and Psychopathology.</p> <p>Paper 2: Approaches in Psychology, Biopsychology and Research Methods</p>	<p>Paper 3: Issues and debates , Relationships, Schizophrenia, Aggression.</p>

ENTRY REQUIREMENTS

You will need a grade 6 in English and Science and a grade 5 in Maths. It is not compulsory to have studied Psychology at GCSE. You must be an organised, self disciplined person who is analytical and questions ideas they are presented with. Psychology is a very in-depth subject so being able to read around the subject is essential.

ASSESSMENT

Paper 1: Introductory topics in Psychology:
Written examination: 33.3% of the qualification

Paper 2: Psychology in Context:
Written examination: 33.3% of the qualification

Paper 3: Issues and Options in Psychology -
Written examination: 33.3% of the qualification

CAREER PATHWAYS

A Level Psychology is an appropriate qualification for admission to professional careers and courses in Higher Education. Careers include Environmental Psychology, Clinical Psychology, Sport Psychology, Consumer Psychology, Forensic Psychology, Educational Psychology, Legal/Criminal Psychology and Health Psychology.



“Psychology gives a tremendous insight into human behaviour and has the benefits of being a methodical, science-based subject, as well as giving a useful background for arts based subjects.”

FOR FURTHER DETAILS PLEASE CONTACT: **Mr F Pilois (Head of Social Science)** fpilois@qmschool.org.uk

RELIGIOUS STUDIES

A Level

EXAM BOARD: AQA

COURSE OVERVIEW

Religious studies is a thought provoking subject. The course covers contemporary themes and the religious responses to these issues. Religious Studies A level lets you study the various philosophies and beliefs that underlie religions and helps you understand the perspectives and motivations of believers. This course critically examines how religion, theology and religious philosophy play an integral part in the thinking and day-to-day lives of a large proportion of the world's population. Component 1: Philosophy of religion and ethics
Component 2: Study of Christianity and dialogues

COURSE STRUCTURE

YEAR 12	YEAR 13
<p>Paper 1</p> <p>Section A: Philosophy of religion</p> <ul style="list-style-type: none">• Arguments for the existence of God• Evil and suffering• Religious experience• Religious language• Miracles• Self and life after death <p>Section B: Ethics and religion</p> <ul style="list-style-type: none">• Ethical theories• Issues of human life and death• Issues of animal life and death• Introduction to meta ethics• Free will and moral responsibility• Conscience• Bentham and Kant.	<p>Paper 2</p> <p>Section A: Study of Christianity</p> <ul style="list-style-type: none">• Sources of wisdom and authority• God/gods/ultimate reality• Self, death and the afterlife• Good conduct and key moral principles• Expression of religious identity• Religion, gender and sexuality• Religion and science• Religion and secularisation• Religion and religious pluralism. <p>Section B: The dialogue between philosophy of religion and religion. How religion is influenced by, and has an influence on philosophy of religion in relation to the issues studied.</p> <p>Section C: The dialogue between ethical studies and religion. How religion is influenced by, and has an influence on ethical studies in relation to the issues studied.</p>

ENTRY REQUIREMENTS

Grade 6 in English and Religious Studies

CAREER PATHWAYS

Universities like students who can reason and think in a mature and balanced way, as does the world of work. Religious Studies builds these skills of analysis and debate, critical thinking and mature reflection. These skills will be honed by challenging your thinking at every level.

If students wish to go on to study the subject at university, there is a huge range of courses available, including Philosophy, Ethics, Theology, Biblical Studies, World Religions and Anthropology. Other related degrees favouring RS A Level include History, Law, Psychology, PPE (Philosophy, Politics and Economics, Medicine (Ethics route) and Education. The website below includes videos which demonstrate the wide range of careers you can enter with your Religious studies degree/studies. <https://trs.ac.uk/studying-trs/graduate-videos/>

ASSESSMENT

Paper 1: Philosophy of religion and ethics:
3 hours written examination, 50% of the final mark

Paper 2: Study of religion and dialogues:
3 hours written examination, 50% of the final mark

FOR FURTHER DETAILS PLEASE CONTACT: Ms S Khan (Head of Religious Studies) skhan@qmschool.org.uk

SOCIOLOGY

A Level

EXAM BOARD: AQA

COURSE OVERVIEW

If you study Sociology you will acquire knowledge and a critical understanding of contemporary social processes and structures such as gender, social class, race and ethnicity, culture and identity. You will appreciate the significance of theoretical and conceptual issues in sociological debate, understand sociological methodology and a range of research methods but most importantly be given the opportunity to reflect on your own experience of the social world in which you live and develop skills which enhance your ability to participate more effectively in adult life.

“You will appreciate the significance of theoretical and conceptual issues in sociological debate”

COURSE STRUCTURE

This course is 100% exam based.

YEAR 12	YEAR 13
Paper 1 - Sociology of Education with Research Methods in Context Paper 2 - Research Methods with Sociology of the Family and Households	Paper 1 - Sociology of Education with Research Methods and Sociological Theory Paper 2 - Sociology of the Family and Households and Belief in Society Paper 3 - Sociology of Crime and Deviance with Theory and Methods

ASSESSMENT

This is a linear course and students will sit for three exams at the end of the two years. There is no coursework.

Paper 1

- 2 hour written exam
- 80 marks
- 33.3% of A-level
- Education: short answer and extended writing, 50 marks
- Methods in Context: extended writing, 20 marks
- Theory and Methods: extended writing, 10 marks

Paper 2

- 2 hour written exam
- 80 marks
- 33.3% of A-level
- Families and households: extended writing, 40 marks
- Belief in Society: extended writing, 40 marks

Paper 3

- 2 hour written exam
- 80 marks
- 33.3% of A-level
- Crime and Deviance: short answer and extended writing, 50 marks
- Theory and Methods: extended writing, 30 marks

ENTRY REQUIREMENTS

Students must achieve at least a grade 6 in English Language or English Literature. There is no requirement to have studied GCSE Sociology.

CAREER PATHWAYS

A Level Sociology is an appropriate qualification for universities and other Higher Educational Institutions as well as professional careers. Most of our A Level students go on to university pursuing degrees in Business, Law, Psychology, Social Policy, Politics, International Relations, Anthropology and Sociology. A qualification in Sociology is relevant to many careers from those such as social work, nursing, medicine, policing, civil service, journalism, marketing, advertising, public relations, law, teaching and management.

FOR FURTHER DETAILS PLEASE CONTACT: **Mr. F Pilois (Head of Social Science)** fpilois@qmschool.org.uk

VOCATIONAL COURSES



APPLIED SCIENCE

BTEC EXTENDED CERTIFICATE

EXAM BOARD: PEARSON

COURSE OVERVIEW

You will study a range of topics looking at developing skills such as scientific practical techniques and presenting evidence based on real-life work and studies. Students have to undertake a number of units for which they present evidence based on real-life work and studies. It is examined by assembling a portfolio of work showing the skills and knowledge they have acquired, as well as through external examinations.

COURSE STRUCTURE

YEAR 12	YEAR 13
<p>Unit 1: Principles and applications of Science - periodicity and properties of elements, structure and function of cells and tissues, waves in communication.</p> <p>Unit 2: Practical scientific procedures and techniques - titration & colourimetry, calorimetry, chromatography.</p>	<p>Unit 3: Scientific investigation skills - enzymes in action, diffusion of molecules, plants and their environment, energy content of fuels, electrical circuits.</p> <p>Unit 8: Physiology of human body systems - musculoskeletal, lymphatic & digestive systems.</p>



ASSESSMENT

Unit 1: Year 12 - written examination, 90 marks.

Unit 2: Year 12 - assignment based.

Unit 3: Year 13 - written examination, 60 marks.

Unit 8: Year 13 - assignment based.

ENTRY REQUIREMENTS

Students must achieve a minimum GCSE grade 55 in Combined Science.

CAREER PATHWAYS

The Level 3 BTEC Extended Certificate is ideal if you do not think you want to do a traditional scientific degree but would like to continue your GCSE science to a higher level. A BTEC in Applied Science gives you the skills required for a science based career; for example, a laboratory technician or a career in a hospital.

“The circulatory system has been really interesting, I can’t wait to learn more about it in my Sports Science degree.”

FOR FURTHER DETAILS PLEASE CONTACT: **Mrs R Palmer (Head of Science)** rpalmer@qmschool.org.uk

BUSINESS

BTEC EXTENDED CERTIFICATE

EXAM BOARD: PEARSON

COURSE OVERVIEW

BTEC Business provides students with an in-depth understanding of the operations and structures of businesses and equips students with the skills required to succeed in employment or at university. This is a two year course. The qualification is equivalent to one A Level. Students are assessed through a mixture of controlled assessments and examinations over the 2 years.

“I believe that BTEC Business will offer me a lot in the future, especially when applying to university. I even feel confident that what I’ve learnt will help me set up my own business one day”

COURSE STRUCTURE

YEAR 12	YEAR 13
In Year 12 you will consider how individuals can manage their own finances and how firms can financially plan their futures. You will also investigate the features of different businesses and study the factors that make some companies more successful than others. You will also study the role of marketing as a means of promoting a business.	In Year 13 you will study the role of marketing as a means of promoting a business. You will also learn about how firms can effectively recruit the right staff for their organisation to help to achieve their business aims and objectives. You will also investigate the features of different businesses and study the factors that make some companies more successful than others. You will also study the role of marketing as a means of promoting a business.

ENTRY REQUIREMENTS

Students must achieve five grades 9-4 including in Maths and English grade 4. GCSE Business or Business and Enterprise VCERT to at least a Merit is desirable but not essential.

CAREER PATHWAYS

Students who successfully complete this programme of study could progress to study a Business related degree at university or a Higher National Diploma. Previous level 3 students have gone directly into employment in areas such as finance, administration as well as management and apprenticeship schemes.

ASSESSMENT

Year 12: Unit 8 Recruitment and Selection

Year 12: Unit 3 Personal and Business Finance

Year 13: Unit 2 Developing a Marketing Campaign

Year 13: Unit 1 The Business Environment



FOR FURTHER DETAILS PLEASE CONTACT: **Mr S Grace (Head of Business and Economics)** sgrace@qmschool.org.uk

CREATIVE DIGITAL MEDIA PRODUCTION

BTEC EXTENDED CERTIFICATE

EXAM BOARD: PEARSON

COURSE OVERVIEW

In Creative Digital Media Production, you will gain a broad understanding of film analysis and acquire the skills necessary to produce media products. It allows you to develop the ability to analyse and deconstruct media images and representations and learn communication skills needed to work in teams.

ENTRY REQUIREMENTS

Students must gain a grade 5 in English Language/Literature with the ability and confidence to cope with communication skills and time management skills to keep up with demands of the course.

COURSE STRUCTURE

YEAR 12	YEAR 13
<p>Unit 1: Media Representations - analysing various media texts, looking at elements of cinematography and relate them back to media theories</p> <p>Unit 4: Pre-Production Portfolio - consists of understanding the pre-production process and creating a portfolio of your own</p>	<p>Unit 8: Responding to a Commission - you will be provided with a commission from the exam board and will design your own product</p> <p>Unit 14: Digital Magazine Production - using what you have learned in Unit 4 to create your own digital magazine cover and double page spread</p>

“The media theories that are involved are intriguing and help us to understand the media world and industry’s purposes.”

ASSESSMENT

Unit 1: Media Representations - 2 hour external assessment (29%)

Unit 4: Pre-Production Portfolio - internal coursework assignment (26%)

Unit 8: Responding to a Commission - assessment set by exam board (29%)

Unit 14: Digital Magazine Production - internal coursework assignment (16%)

CAREER PATHWAYS

Achieving a qualification in Creative Digital Media Production can lead to degrees and roles in the media, communications, marketing, journalism or production fields.



FOR FURTHER DETAILS PLEASE CONTACT: Miss D Scott (Head of English) dscott@qmschool.org.uk

CRIMINOLOGY

APPLIED DIPLOMA

EXAM BOARD: WJEC

COURSE OVERVIEW

This is an applied general subject. This means that it can help prepare you for university but it is also suited to those students who do not wish to study further beyond Post 16. Criminology is the study of crime from a social perspective. It looks at a number of factors such as the causes of crime, how crime impacts society and the criminals involved in the execution of crimes. Criminologists seek to better understand what motivates the criminal to act in a criminal manner.

COURSE STRUCTURE

YEAR 12	YEAR 13
<p>Unit 1- Changing Awareness of Crime (Controlled Assessment)</p> <p>In this unit you will study the different types of crime, influences on perceptions of crime and why some crimes are unreported. You will plan a campaign for change in relation to crime.</p> <p>Unit 2- Criminological Theories (Exam)</p> <p>This unit examines reasons why people commit crime. You look at criminological theories and know there are debates within the different theories. You will understand how changes in criminological theory have influenced policy. You will gain the skills to apply the theories to specific crimes or criminals.</p>	<p>Unit 3- Crime Scene to Courtroom (Controlled Assessment)</p> <p>The third unit will provide an understanding of the criminal justice system from the moment a crime has been identified to the verdict. You will develop the understanding and skills needed to examine information in order to review the justice of verdicts in criminal cases.</p> <p>Unit 4- Crime and Punishment (Exam)</p> <p>In the final unit, you will apply your understanding of the awareness of criminality, criminological theories and the process of bringing an accused to court in order to evaluate the effectiveness of social control to deliver criminal justice policy.</p>

ENTRY REQUIREMENTS

Students will require the equivalent of 5 GCSE grades at 9-4 including a grade 4 for English and Maths. An interest in criminal justice and current affairs is very desirable. In order to achieve in the exams you will need good written skills, hardworking with a positive work ethic. Likewise, for the controlled assessments you need to be selfdisciplined, organised and committed and willing to work hard in and out of lessons.

ASSESSMENT

Unit 1 - Changing Awareness of Crime:

8 hour CA - 25% of the qualification

Unit 2 - Criminological Theories:

Exam - 25% of the qualification

Unit 3 - Crime Scene to Courtroom: 8

hour CA - 25% of the qualification

Unit 4 - Crime and Punishment:

Exam - 25% of the qualification

“Criminology helps me to understand the justice system in more depth. I find it so helpful and fascinating.”

CAREER PATHWAYS

This subject is of particular relevance to a wide range of careers in Policing, Social Policy, Law, Social Work and Youth Work.

FOR FURTHER DETAILS PLEASE CONTACT: **Mr F Pilois (Head of Social Science)** fpilois@qmschool.org.uk

ENGINEERING

BTEC EXTENDED CERTIFICATE

EXAM BOARD: PEARSON

COURSE OVERVIEW

The course uses a combination of assessment styles to give students the confidence that they can apply their knowledge and succeed in the workplace. They will also gain the study skills to continue learning throughout their career.

CAREER PATHWAYS

BTEC can be the foundation for doing a degree, HND and can lead to employment in many different sectors including Automotive, Aviation, Manufacturing, Nuclear and more.

COURSE STRUCTURE

YEAR 12	YEAR 13
Unit 1: Engineering Principles. Mathematics based unit that is covered throughout Year 12 & 13	
Unit 2: Delivery of Engineering Processes Safely as a Team. Practical based unit that is covered in Year 12	Unit 3: Engineering Product Design and Manufacture. Engineering design based unit that is covered in Year 13
Unit 10: Delivery of Engineering. Computer Aided design unit that is covered in Year 12 & 13	

ASSESSMENT

Unit 1: Engineering Principles, 2 hour written Exam
33.3% of the course.

Unit 2: Delivery of Engineering Processes Safely as a Team,
Internally set and assessed task 16.6% of the course

Unit 3: Engineering Product Design and Manufacture, 8 hour
external examination sat over 2 days 33.3% of the course.

Unit 10: Computer Aided Design in Engineering,
Internally set and assessed task 16.6% of the course

ENTRY REQUIREMENTS

Grade 6 in DT or Merit in
Engineering and 6 in Maths.



“In Engineering we apply what we learnt in GCSE Maths, Science and Technology to make real products and understand how Engineering affects our world.”

FOR FURTHER DETAILS PLEASE CONTACT: **Mr B Jivan (Head of DT)** bjivan@qmschool.org.uk

FOOD SCIENCE & NUTRITION

APPLIED DIPLOMA

EXAM BOARD: WJEC

COURSE OVERVIEW

This course offers students an exciting opportunity to study Nutrition and Food Science in both a practical and theoretical way.

ENTRY REQUIREMENTS

Students must achieve 5 GCSE grades 9-4 including Maths and English at grade 4.

COURSE STRUCTURE

YEAR 12	YEAR 13
Meeting The Nutritional Needs of Specific Groups You will investigate the specific needs of different groups; planning and cooking dishes to meet their nutritional requirements. This unit has both internal and external assessments which are weighted equally and worth 50% of the Diploma.	Ensuring Food Is Safe To Eat and experimenting to solve food production problems In Year 13 you will study 2 units both of which have a controlled assessment worth 25% each of the total marks. One unit focuses on food hygiene and safety and the other on an industry based scenario of a food production fault.

ASSESSMENT

Year 12

Practical Design and make coursework worth 25%

Exam paper - Meeting the needs of specific groups 25%

Year 13

Controlled assessment - Ensuring food is safe to eat - 25%

Controlled assessment - Experimenting to solve food production problems - 25%

CAREER PATHWAYS

The course opens the opportunity for employment in the food sector from hospitality to retail as well as providing the underpinning knowledge for degree level study in Nutrition, Public Health, Dietetics, Food Science and Technology.

“I’ve really enjoyed the practical aspect of this course. It’s nice not to be writing all the time and to have a chance to be creative.”



FOR FURTHER DETAILS PLEASE CONTACT: Mrs Waller (Head of Home Economics) pwaller@qmschool.org.uk

HEALTH AND SOCIAL CARE

LEVEL 3 CAMBRIDGE TECHNICAL

EXAM BOARD: OCR

COURSE OVERVIEW

This course offers a broad introduction to the principles of care in health and social care services. Students will consider the social, financial and psychological impacts of people with various conditions ranging from heart disease to arthritis and mental health conditions. Students will also learn about the legislation and guidance supporting health and social care, to ensure that the people they are working with are able to access all the care and support they are entitled to, as well as protect themselves and others from harm or abuse at work.

“Students will consider the social, financial and psychological impacts of people with various conditions

COURSE STRUCTURE

YEAR 12	YEAR 13
Unit 1: Building Positive Relationships in Health and Social Care - Controlled Assessment	Unit 4: Anatomy and Physiology for Health and Social Care - Exam
Unit 2: Equality, Diversity and Rights in Health and Social Care - Exam	Unit 10: Nutrition for Health – Controlled Assessment
Unit 3: Health, Safety and Security in Health and Social Care - Exam	Unit 13: Sexual health, reproduction and early development stages

ENTRY REQUIREMENTS

Students must achieve 5 GCSE grades 9-4 including Maths and English at grade 4. Grade 5 Science. An interest in caring for and helping others is very desirable.

CAREER PATHWAYS

The subject is of particular relevance to a wide range of health, social care or early year's degrees such as Teaching, Nursing and Social Work. A range of employment opportunities are opened up in the social services, care of children and the elderly. Careers in this area also include Social Work, Occupational Therapy, Paramedic, Community Health Worker and Health Promotion.

STUDENTS' VIEWS

“I decided to study health and social care because I am passionate in helping and supporting others”

“Studying health and social care has inspired me to pursue a career in the field to widen my knowledge”

FOR FURTHER DETAILS PLEASE CONTACT: **Mr F Pilois (Head of Social Science)** fpilois@qmschool.org.uk

PERFORMING ARTS

BTEC Level 3 National Extended Certificate

EXAM BOARD: PEARSON

COURSE OVERVIEW

You will develop your skills in performing and group work for staging live performances to live invited audiences. You will investigate successful practitioners' work; exploring, analysing and evaluating plays and recorded performances by influential playwrights and drama practitioners. You will work as part of a group to create performances in response to a specific stimulus.

ENTRY REQUIREMENTS

Vocational entry requirements apply. To study this course, you should have formal experience such as BTEC/GCSE in a Performing Arts subject, acting or singing grades (I.S.T.D, LAMDA, Trinity etc.) or regular experience via a youth theatre, school musicals, Rock Challenge or similar.

YEAR 12	YEAR 13
Unit 2: Developing Skills and Techniques for Live Performance (90 GLH) Unit 3: Group Performance Workshop (120 GLH)	Unit 1: Investigating Practitioners' Work (90 GLH) Unit 19: Acting Styles (60GLH)

COURSE STRUCTURE/ASSESSMENT

The assessments in the course will include a range of assessment methods, such as a written examination which is externally assessed, such as in Unit 1. The majority of assessments (Units 2, 3 and 19) will involve performing, therefore students must be willing to perform to live invited audiences. Units 2, 3 and 19 will all include written and performative elements.

CAREER PATHWAYS

The subject opens up the opportunity for further study in the Performing Arts, Drama, Acting, Musical Theatre and TV/Film. The skills gained during the course will enable students to gain confidence and effective communication skills applicable in a range of employment opportunities in a range of industries. This course is perfect for students who wish to join the Performing Arts industry as actors, directors, stage managers or a wide range of other supporting roles.

“I enjoy studying Performing Arts because it allows me to use my creativity in both written and performance based work.”

FOR FURTHER DETAILS PLEASE CONTACT: **Mr J Taylor (Head of Performing Arts)** jtaylor@qmschool.org.uk

SPORT

BTEC EXTENDED CERTIFICATE

EXAM BOARD: PEARSON

COURSE OVERVIEW

Students will study the BTEC National Extended Certificate. The qualification allows learners to develop their wide-ranging knowledge, understanding and skills required for direct progression into a broad range of roles within the sports sector. It also meets the needs of those who wish to progress on to university level courses or apprenticeships in Sport.

CAREER PATHWAYS

Traditional pathways linked with performing, coaching, instructing, organising, officiating and sports medicine. There are also many industries associated with the sport and leisure sector including sport & recreation and health & fitness. This along with a diverse range of vocational options available including: apprenticeships, diplomas, foundation degrees and NVQs.

COURSE STRUCTURE

YEAR 12	YEAR 13
Unit 1: Anatomy and Physiology Unit 4: Sports Leadership	Unit 2: Fitness Training and Programming for Health, Sport and Well-being Unit 3: Professional Development in the Sports Industry

ASSESSMENT

Unit 1: 25% externally assessed

Unit 2: 25% externally assessed

Unit 3: 25% internally assessed

Unit 4: 25% internally assessed

ENTRY REQUIREMENTS

5 GCSE grades 9-4 including English and Maths at grade 4. Demonstrate the ability to work individually and as a team member. Demonstrate exemplary organisation and leadership. As part of the course students are expected to assist with lower school clubs/fixtures.



“I thought I was just going to be playing football but instead it’s motivated me to be a healthier person because of the informative content.”

FOR FURTHER DETAILS PLEASE CONTACT: **Mr L Fernandes (Head of PE)** lfernandes@qmschool.org.uk



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