



POST 16 COURSES

2027 - 2029

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 Guthrie

Head of Post 16 Education

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



2027 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.

Please note that our Post 16 Curriculum offer is subject to change and students may not always be able to study their preferred subject combination

COURSE		PAGE
A LEVEL COURSES		
Art, Craft and Design	Grade 6 in Art	6
Biology	Grade 7 in Biology or Grade 77 in Combined Science and Grade 6 in Maths	7
Business Studies	Grade 6 in English and Maths	8
Chemistry	Grade 7 in Chemistry or Grade 77 in Combined Science and Grade 6 in Maths	9
Classical Civilisation	Grade 6 in Classical Civilisation, History, Ancient History or Geography	10
Computer Science	Grade 7 in Maths and Grade 6 in Computing	11
Economics	Grade 6 in English and Maths	12
English Literature	Grade 6 in English Language or English Literature	13
French	Grade 6 in French	14
Spanish	Grade 6 in Spanish	15
Geography	Grade 6 in Geography	16
History	Grade 6 in History	17
Law	Grade 6 in History or Geography	18
Mathematics	Grade 7 in Mathematics	19
Further Mathematics	Grade 8 in Mathematics	20
Physical Education	Grade 6 in Science and Grade 6 in PE or Merit at BTEC	21
Physics	Grade 7 in Chemistry or Grade 77 in Combined Science and Grade 6 in Maths	22
Politics	Grade 6 in History, Ancient History, Geography or Religious Studies	23
Product Design	Grade 6 in DT and Grade 5 in Maths	24
Psychology	Grade 6 in Science, English and Maths	25
Religious Studies	Grade 6 in English and Religious Studies	26
Sociology	Grade 6 in English Language or English Literature	27
VOCATIONAL LEVEL 3 COURSES (BTEC unless stated otherwise)		
Applied Science	Grade 55 in Combined Science	29
Business	Vocational entry criteria	30
Creative Digital Media Production	Grade 5 in English Language or Literature	31
Criminology	Grade 5 in English Literature or Language	32
Engineering	Grade 6 in DT or Merit in Engineering and Grade 7 in Maths	33
Food, Science and Nutrition	Vocational entry criteria	34
Health and Social Care	Grade 44 in Combined Science	35
Medical Science	Grade 55 in Combined Science	36
Performing Arts	Vocational entry criteria	37
Sport	Vocational entry criteria	38



ENROLMENT FOR POST 16 COURSES

HOW TO APPLY

Applications will open on **Friday 13th November 2026**. 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



POST 16 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: **Mr Firth (Head of Art)** bfirth@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 grade 6 in Maths 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 Science) 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.

ENTRY REQUIREMENTS:

Students must have achieved a GCSE grade 6 in Maths & English. It is desirable for students to have taken a GCSE in Business but not essential.

COURSE STRUCTURE

YEAR 12	YEAR 13
Theme 1 Marketing and people focuses 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.



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.

“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.”

FOR FURTHER DETAILS PLEASE CONTACT: **Mr 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 grade 6 in Maths 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: Mrs Lewis (Head of Science) elewis@qmschool.org.uk

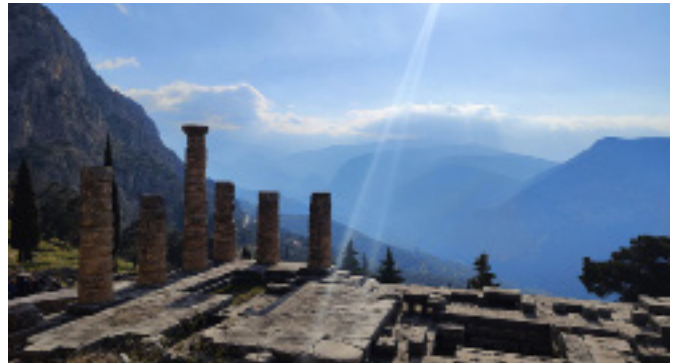
CLASSICAL CIVILISATION

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	YEAR 13
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.	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, Ancient 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 CONTACT: **Mr Firth (Head of History, Classics, Politics & Law)** 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

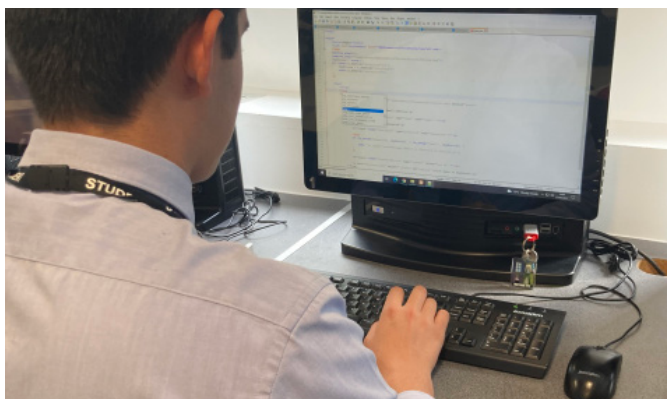
Paper 1: Computer systems - Written examination: 40% of the qualification

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 Peace (Head of Computing)** apeace@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 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: **Mrs Miller (Head of English)** pmiller@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
Listening Reading and Writing (2hrs 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 Grammar Reinforcement (1hr per week) Writing (1hr per week): The film "La Haine" from director Mathieu Kassovitz Speaking (1hr per week): Focus on topic stimulus cards	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 Writing (1hr per week): The book "No et Moi" by Delphine de Vigan while continuing to analyse the film Speaking (1hr per week): Focus on topic stimulus cards and individual research project

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

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)** ac Clarke@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 achieve 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: **Mrs 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 growth and then decline of witchcraft accusations in Europe and North America during the early modern period and Russia in Revolution, 1894-1924. This will require you to engage with and analyse a range of historical sources.	In Year 13 you will study Britain (1625-1701): Conflict, revolution and settlement. You will also write coursework about who you consider to be the most responsible for the Cold War. This will require you to engage with and analyse a range of historical interpretations.

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 Russia 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 CONTACT: **Mr Firth (Head of History, Classics, Politics & Law)** 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 CONTACT: **Mr Firth (Head of History, Classics, Politics & Law)** 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	YEAR 13
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.	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 and a grade 6 in PE or Merit in BTEC Sport. 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 Fernandes (Head of PE)** lfernandes@qmschool.org.uk

PHYSICS

A Level

EXAM BOARD: PEARSON

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
- Mechanics - Waves - Electricity - Materials - Quantum Physics - Circular Motion	- Gravitation - Nuclear Physics - Electric Fields - Electromagnetism - Oscillation - Thermal Physics

ASSESSMENT

Paper 1: Advancing Physics I: Written examination, 30% of the qualification

Paper 2: Advancing Physics II: Written examination, 30% of the qualification

Paper 3: General and Practical Principles in Physics: Written examination, 40% 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 and grade 6 in Maths and must be confident in planning, carrying out and analysing practical investigations.



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

POLITICS

A Level

EXAM BOARD: AQA

COURSE OVERVIEW

The A Level in Politics covers the fundamentals of political ideologies, UK Politics and US Politics. There is a comparative element between UK Politics and US Politics allowing you to assess the similarities and differences between the two systems.

CAREER PATHWAYS

A Level Politics will equip students with the confidence to use knowledge and skills relevant for progression to undergraduate study in Politics, Sociology, Ethics, Law and Journalism and careers including working with NGOs, civil service, the media and the legal system.

COURSE STRUCTURE

YEAR 12	YEAR 13
Government and Politics of the UK: The fundamental knowledge of the political and government system in the UK covering: The Government in the UK • The nature & source of the British Constitution • The structure and role of Parliament • The Prime Minister and Cabinet • The Judiciary • Devolution The Politics of the UK • Democracy and Participation • Elections and Referendums • Political Parties • Pressure Groups • The European Union Political Ideas The fundamentals of key political ideologies, the internal debates within them and the key thinkers informing the Ideology. In Year 12 the following will be explored: • Liberalism: John Locke, John Stuart Mill, John Rawls, Thomas Hill Green, Mary Wollstonecraft, Betty Friedan • Conservatism: Thomas Hobbes, Edmund Burke, Michael Oakeshott, Ayn Rand, Robert Nozick	Government and Politics of the US and Comparative Politics: The principles of comparative politics through a study of the US systems of politics and government in comparison to the UK system. Covering: • The Constitutional Framework of the US government • The Legislative Branch of Government: Congress • The Executive Branch of Government: The President • The Judicial Branch of Government • The Electoral Process and Direct Democracy • Political Parties • Pressure Groups • Civil Rights Political Ideas Continued The fundamentals of key political ideologies, the internal debates within them and the key thinkers informing the Ideology. In Year 13 the following will be explored: • Socialism: Karl Marx, Rosa Luxemburg, Beatrice Webb, Anthony Crosland, Anthony Giddens • Feminism: Charlotte Perkins Gilman, Simone de Beauvoir, Kate Millett, Sheila Rowbotham, Gloria Jean Watkins

ASSESSMENT

Paper 1: Government & Politics of the UK: 2 hour written, external exam, 77 marks, 33.3% of the course

Paper 2: Government & Politics of the US and Comparative Politics: 2 hour written, external exam, 77 marks, 33.3% of the course

Paper 3: Political Ideas: 2 hour written, external exam, 77 marks, 33.3% of the course

ENTRY REQUIREMENTS

Students need a Grade 6 in one of the following subjects; History, Ancient History, Geography or Religious Studies. Students can take A Level Politics alongside any other subject.

FOR FURTHER DETAILS CONTACT: **Mr Firth (Head of History, Classics, Politics & Law)** bfirth@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 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
Paper 1: Social Influence, Memory, Attachment and Clinical Psychology and Mental Health. Paper 2: Approaches in Psychology, Biopsychology and Research Methods	Paper 3: Issues and debates , Relationships, Schizophrenia and Aggression.

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 Luck (Head of Social Science)** jluck@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
Section A: Philosophy of religion - Arguments for the existence of God, evil and suffering and religious experience Section B: Ethics and religion - Normative ethics: Natural moral law, Situation ethics and Aristotle's virtue ethics - Issues of human life and death: abortion, capital punishment, euthanasia, and embryo research/designer babies. - Issues of animal life and death- Use of animals as food; intensive farming, use of animals in scientific procedures; cloning, Blood sports and animals as a source of organs for transplants Paper 2: Section A: Study of Christianity - Sources of wisdom and authority - God/gods/ultimate reality - Self, death and the afterlife - Good conduct and key moral principles - Expression of religious identity	Section A: Philosophy of religion Religious language, miracles and life after death. Section B: Ethics and religion Meta- ethics Free will and moral responsibility and the Conscience Bentham and Kant. Issues of human life and death Issues of animal life and death Section A: Study of Christianity Religion, gender and sexuality Religion and science Religion and secularisation Religion and religious pluralism. 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. 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.

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 final mark

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/>

ENTRY REQUIREMENTS

Grade 6 in English and Religious Studies

FOR FURTHER DETAILS PLEASE CONTACT: **Ms 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 Luck (Head of Social Science)** jluck@qmschool.org.uk

VOCATIONAL COURSES



APPLIED SCIENCE

LEVEL 3 CAMBRIDGE ADVANCED NATIONAL (AAQ) IN APPLIED SCIENCE

EXAM BOARD: OCR

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.

CAREER PATHWAYS

A qualification in Applied Science can lead to many degree level science courses including: Psychology, Environmental Sciences, Biological Sciences, Medical professions (e.g. Pharmacy, Radiology) & Food Science

COURSE STRUCTURE

YEAR 12

Unit F180: Fundamentals of Science. 1 h 30 min written examination on the following topics: Cell structure and microscopy, bioenergetics, Structure and function of biological molecules, Biodiversity and ecosystems, Atomic structure and the Periodic Table, Quantitative chemistry, Structure and bonding, Rates of reaction and enthalpy changes, Electricity, Motion, Medical Physics

Unit F182: Investigating Science. Centre assessed unit covering the following topics: Planning a scientific investigation, Performing a scientific investigation, Analysing and communicating results, Evaluating a scientific investigation

YEAR 13

Unit F181: Science in society. 1 h 15 minutes written examination on the following topics: What scientists do, Handling scientific data, Scientific developments, Communicating science

Unit F183: Analytical techniques in chemistry. Centre assessed unit covering the following topics: Categorising and separating chemical substances, Quantifying and identifying substances, Spectroscopic techniques

Unit F185: Forensic Biology. Centre assessed unit covering the following topics: Forensic biology disciplines and evidence, Cells tissues and organs in forensic biology, Investigation and evidence collection, Analytical techniques and evidence interpretation



ASSESSMENT

2 externally examined units and 3 internally assessed units which are then externally moderated.

ENTRY REQUIREMENTS

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

FOR FURTHER DETAILS PLEASE CONTACT: **Mr Hemraj (Second in Science)** khemraj@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 at GCSE (including Maths and English). It is desirable, but not essential, to have studied GCSE Business.

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 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 to ensure they have the ability and confidence to cope with the communication skills and time management skills to keep up with demands of the course.

COURSE STRUCTURE

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

“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: Mrs Miller (Head of English) pmiller@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
Unit 1- Changing Awareness of Crime (Controlled Assessment) 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. Unit 2- Criminological Theories (Exam) 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.	Unit 3- Crime Scene to Courtroom (Controlled Assessment) 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. Unit 4- Crime and Punishment (Exam) 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.

ENTRY REQUIREMENTS

Students must achieve five grades 9-4 at GCSE (5 in English Lang or Lit and 4 in 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 Luck (Head of Social Science)** jluck@qmschool.org.uk

ENGINEERING

BTEC EXTENDED CERTIFICATE

EXAM BOARD: PEARSON

COURSE OVERVIEW

The Extended Certificate is for students interested in learning about the engineering sector alongside other fields of study, intending to progress to a wide range of higher education courses, including but not necessarily in STEM-related subjects. It is designed to be taken as part of a programme of study that includes A Levels.

CAREER PATHWAYS

AQs can be the foundation for a degree, HND or Apprenticeship programme and can lead to employment in many different sectors, including Automotive, Aviation, Manufacturing, Nuclear, and more. They will also gain the study skills to continue learning throughout their career.

COURSE STRUCTURE

YEAR 12	YEAR 13
Unit 1: Engineering Principles. develop the skills and knowledge required to solve mechanical, electrical and electronic-based engineering problems by applying appropriate mathematical and physical science principles. This Mathematics-based unit is covered throughout Year 12 & 13	
Unit 2 Engineering Applications - explore how advances in modern technology are reshaping how a wide range of engineering sectors function. They will also explore how engineers use their understanding of materials and processes to devise sustainable solutions to engineering problems.	
Unit 3 Engineering Design - create a design solution in response to an engineering design challenge by developing three-dimensional (3D) models and two-dimensional (2D) detailed drawings, including the use of a computer-aided design (CAD) system and other modelling techniques This unit is covered in Year 12 & 13	Unit 4 Engineering Project - an individual project that will develop conceptual or practical solutions to a chosen engineering problem related to a relevant engineering specialist area.

ASSESSMENT

The course uses a combination of assessment styles to give students the confidence to apply their knowledge and succeed in the workplace.

Unit 1: Engineering Principles: 2 hour 15 minutes external exam, January and June, 25% of the course.

Unit 2: Engineering Applications: 2 hours external exam, January and June, 25% of the course

Unit 3: Engineering Design: Internal set and assessed task, 32 hours, 25% of the course

Unit 4: Engineering Project: Internal set and assessed task, 30 hours, 25% of the course

ENTRY REQUIREMENTS

Grade 6 in DT or Merit in Engineering and a 7 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 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
Unit 1: 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 - Unit 1: Exam: Meeting the needs of specific groups 25%

Year 13

Unit 2: Controlled assessment - Ensuring food is safe to eat - 25%

Unit 3: Solving food production problems

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.

- Sports Science
- Chef
- Catering



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

FOR FURTHER DETAILS PLEASE CONTACT: Miss Stone (Head of Home Economics) lstone@qmschool.org.uk

HEALTH AND SOCIAL CARE

LEVEL 3 AAQ (EXTENDED CERTIFICATE)

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 ranging from heart disease to arthritis and mental health conditions”

COURSE STRUCTURE

YEAR 12	YEAR 13
F091: Anatomy and physiology for health and social care (Exam)	F090: Principles of health and social care (Exam)
F092: Person centered approach to care (Non Examined Assessment)	F096: Supporting people in relation to sexual health, pregnancy and postnatal health (Non Examined Assessment)
F093: Supporting people with mental health conditions (Non Examined Assessment)	F097: Supporting healthy nutrition and lifestyles (Non Examined Assessment)

ENTRY REQUIREMENTS

Students need to have achieved a 44 in Combined Science



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.

FOR FURTHER DETAILS PLEASE CONTACT: **Mr Luck (Head of Social Sciences)** jluck@qmschool.org.uk

MEDICAL SCIENCE

LEVEL 3 AAQ BTEC NATIONAL (EXTENDED CERTIFICATE)

EXAM BOARD: PEARSON

COURSE OVERVIEW

This qualification is ideal for students interested in exploring medical science alongside other subjects, with a view to progressing to higher education. It is designed to be taken as part of a study programme that includes A Levels, making it a versatile choice for those considering a wide range of future pathways. The course combines theoretical knowledge with practical skills, preparing students for further study in medical science-related fields or other areas of higher education.

ENTRY REQUIREMENTS

Students must achieve a minimum GCSE grade 55 in Combined Science

COURSE STRUCTURE

YEAR 12	YEAR 13
Human Physiology, Anatomy and Pathology – Human body systems, cell ultrastructure, and how substances are transported Health Issues and Scientific Reporting – The immune system, its dysfunction and genetic technologies. The validity and reliability of information used in health science reporting	Practical Microbiology and Infectious Diseases – Methods of pathogenicity and infectious agents, growth of microorganisms and health and safety in a laboratory environment. Diseases, Disorders, Treatments and Therapies – This unit gives you theoretical knowledge of diseases and disorders, an insight into current and future treatments, and knowledge of how biology is applied to make a positive impact on our lives.

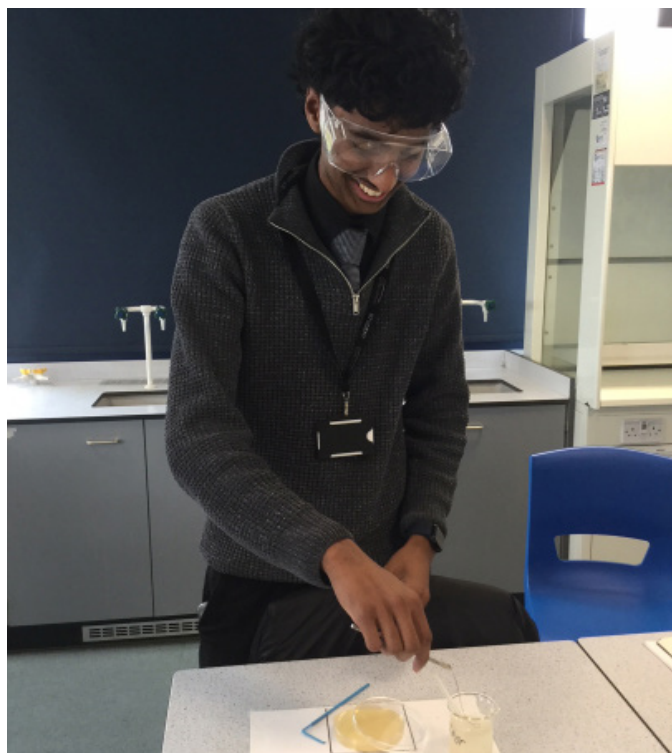
ASSESSMENT

2 externally examined units and 2 internally assessed units which are then externally moderated.

CAREER PATHWAYS

The core and specialist medical science knowledge, understanding and skills that students develop create a good foundation for transition to related degrees. Skills such as critical thinking and independent learning help students to be better prepared for the self-directed learning approach used in higher education and become more open minded to learning. This qualification can lead to progression to the following degrees:

- BSc (Hons) Nursing (Adult Health/Child Health/Mental Health)
- BSc (Hons) Psychology
- BSc (Hons) Physiotherapy.



FOR FURTHER DETAILS PLEASE CONTACT: Mrs Lewis (Head of Science) elewis@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 of two of the disciplines 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.

COURSE STRUCTURE

YEAR 12	YEAR 13
Investigating Practitioners' Work (90 Units) Developing Skills and Techniques for Live Performance (90 Units)	Optional units (pick 1 only): • Acting Styles • Improvisation • Movement in Performance • Musical Theatre Techniques • Variety Performance Group Performance Workshop (120 Credits)

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 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 Fernandes (Head of PE)** lfernandes@qmschool.org.uk



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