



QUEEN
ETHELBURGA'S
COLLEGIATE



QE PROGRAMME

For Aspiring Medics



THE ASPIRING
MEDICS
Programme

GCSE OPTIONS

- Double Award Science
- Biology
- Chemistry
- Mathematics
- Physics

AAQ OPTION

- Medical Science
(Extended Certificate)

**EXTENDED
PROJECT (EPQ)**

*An independent research project
for a Level 3 qualification*

A LEVEL OPTIONS

- Biology
- Chemistry
- Mathematics
- Physics
- Psychology (accepted by some universities)

EXTERNAL COURSES

- Level 2 Paediatric First Aid
- Level 2 Citizen Aid
- Youth Mental Health Aware
- Level 2 Award in Basic Life Support and Anaphylaxis
- ILM Level 2 Award in Leadership & Management
- National Pool Lifeguard Qualification (NPLQ)

SUPER CURRICULAR

- **Medical Conference**
Research and present on a medical topic to a panel of experts
- **Science Ambassador Role**
Lead and support on science activities and support
- **Suturing Workshop**
Learn suturing from our onsite GP

STEM CLUBS

- **Medicine & Veterinary Society**
Society with talks, sessions and seminars. Includes information about applications and coaching for the UCAT.
- **Psychology Club**
- **Science Crest Award Club**
- **STEM Club**

**COMMUNICATION
CLUBS**

- **Charity Volunteers**
- **Critical Thinking**
- **Debating**
- **Model United Nations**
- **Schools Challenge**



"Being part of the Medics Programme has been a really rewarding experience. It's given me the chance to explore different areas of healthcare and learn from inspiring mentors. I've especially enjoyed the interactive activities and getting real insights into what a career in medicine and dentistry is actually like."

Rohan, Year 12 Student

"The Med Club has been really inspiring and interesting. I loved the workshops like blood typing and suturing, enjoyed the competitiveness of last year's medical conference, and found the guest speakers very helpful."

Hannah, Year 12 Student

SUPPORT CLUBS

- **Introduction to Research Methods**
- **Study for Success**
- **Wellbeing**





QE Medical Conference 2024

"I really enjoyed the medical conference that we took part in. It was such a fun process researching into various different diseases and treatments whether current or emerging. The information we learnt was so interesting and will definitely benefit us in the long run."
David, Year 12 Student

EDUCATIONAL VISITS

- **University of Bradford Cancer Research Facility**
Alumnus, Dr. Ethan Perkins invites up to 50 students to tour the centre
- **Educational Visits to Russell Group Universities**
Join trips to prestigious universities
- **Co-curricular & Curricular Trips**
Browse our offering at qe.org/senior-trips

"The Medics Programme is a fantastic opportunity to gain hands-on experience and a deep understanding of healthcare. It provides practical skills through suturing workshops, real-world insights in the NHS, and a strong foundation for anyone aspiring to work in medicine or healthcare."

Aayush, Year 12 Student

COMPETITIONS

Compete in prestigious competitions including:

- Cambridge Chemistry Challenge
- British Physics Olympiad Challenge
- British Biology Olympiad Challenge
- UK Biology Intermediate Challenge
- Royal Society of Chemistry Olympiad
- University of Warwick National Scientific Challenge



Science Lesson

NETWORKING

- **Annual Careers Fair**
Speak with universities and employers about the opportunities available post-18
- **OE Connect**
Join our alumni community to network, source advice and create individual opportunities
- **Visiting Speakers**
Attend regular alumni and professional talks and workshops



270 Awards

QE SUCCESS: 2023-24 AWARDS

QE Students achieved:

- *University of Warwick National Scientific Challenge: 11 Gold, 9 Silver, 21 Bronze*
- *Royal Society of Chemistry Olympiad: 2 Gold, 5 Silver, 7 Bronze*
- *British Biology Olympiad: 1 Gold, 2 Silver, 5 Bronze*
- *UK Biology Intermediate Challenge: 8 Gold, 2 Silver, 5 Bronze*
- *Cambridge Chemistry Challenge : 1 Roentgenium, 1 Gold, 6 Silver, 9 Copper*
- *British Physics Olympiad: 31 Gold, 68 Silver, 66 Bronze, 10 Commendations*

GUEST SPEAKERS

- **'A Life Dedicated to Medicine'**
by a panel of speakers including a current GP, GB Doctor, Medicine Lecturer and a Sports Medicine Business Owner.
- **Medical-related Careers Talks**
Various lectures from dentists, veterinarians, doctors and science professionals
- **Medical-related Alumni Lectures**
Seminars and Q&As with current medical students including alumnus, Ben Lycett, from Newcastle University and professionals like Dr. Ethan Perkins



Professional Alumni Talks

Alumni Seminars



At QE, we have a strong tradition of preparing students for careers in medicine through our well-established super curricular medics programme."

Mr Steven Turner, Head of QE College

"We tailor our support to individual needs to ensure every student has the best application possible. A large focus of our work with the medics is to understand the careers and the working environment in the NHS, since qualification in the UK comes with an expectation that the individual will work in the NHS for a given time. For dentists and vets, we explore their pathways too. All these courses are extremely oversubscribed, and competition is fierce, so it is important that we work with each student to build the necessary skill set and academic success required for their university place."

Dr Mia Robinson, Science and Medics Programme Teacher



EARLY APPLICANT PROGRAMME



QE's 'future medics' are automatically enrolled onto our Early Applicant Programme.

Application Support

- Four Year 12 talks by a doctor on the application process
- Weekly one-to-one sessions with a UCAS tutor and science specialist staff member
- Tutor support on subject knowledge, extra-curriculars, personal statements, exams, and interview preparation
- Assistance with university choices, work experience, applications, volunteering, and UCAS from QE Careers
- Academic Clinics and 'Power Hour' revision sessions to help students achieve their grades

"I received offers from Cardiff, Leicester and Oxford for Medicine and Manchester for Neuroscience with Spanish. One of the ways that school helped me was with the mock MMI interviews with teachers. This really prepared me and made me feel comfortable in my real interviews."
Georgia, 2024 Alumna

Interview Preparation

Prepare for medic university interviews with our mock multiple mini interview (MMI) day. This involves a circuit of seven eight-minute interview stations covering NHS hot

topics and knowledge, personality and suitability, problem-solving, calculations and data interpretation, role playing, prioritisation and professional judgement, all of which help to prepare our 'future medics' for real MMI interviews. Further mock interviews can also be requested from our Careers team.

In addition, QE's Medical Conference provides excellent material for interviews and personal statements, whilst practising presentation skills.

Hear from Alumna, Georgia, who is currently studying Medicine at Oxford



Hear from Georgia

Exam Preparation Support

- Careers provide information on UCAT exams, practising mock papers and tests and on useful websites to use e.g. Medify
- Q&A with relevant alumni during seminars
- Guidance on testing using AI
- Lessons and activities can be rearranged around exams and interviews and catch up sessions are offered



WORK EXPERIENCE & VOLUNTEERING

- Work experience with Cancer Researcher at the University of Bradford and QE Alumna, Dr Ethan Perkins
- Existing partnership with Heath Lodge Community Haven where students can volunteer weekly with dementia patients
- Careers assist with hospital placements for Harrogate, York and Leeds General Infirmary. Students are usually required to apply directly to each hospital to find opportunities which suit their timetable
- Boarders are supported with transport to their placements

2024 STUDENT UNIVERSITY PLACES

Biomedical Sciences

Coventry University
King's College London
Newcastle University
University of Manchester

Dentistry

University of Dundee
Newcastle University
Queen Mary University London
Queen's University Belfast

Medicine

Imperial College London
Newcastle University
University of Oxford

Pharmacy

Keele University
Newcastle University

Psychology

University of Bath
University College London
University of Kent
University of Liverpool

Veterinary Science

University of Liverpool

Other

Medical Imaging (Radiography)
Biological and Forensic Sciences
Chemistry with Medicinal Chemistry

DR. ETHAN PERKINS PHD

Cancer Researcher and Programme Lead for the Institute of Cancer Therapeutics MSc Courses at the University of Bradford



OE Alumni Testimonial

"Looking back, I have only fond memories...Studying the sciences and maths, it is safe to say I needed a release from schoolwork, which rugby quickly became...I worked on my studies, but my focus was rugby, much to my chemistry and biology teachers' disappointment....In Year 13, I was appointed College Deputy Head Boy as well as 1st XV rugby captain and continued to excel in the sport at National Trials. Unfortunately, I suffered a kidney illness during the January exam period, leaving me with 13 exams for summer. Whilst I loved QE, it was the final six months that solidified my love for the school, particularly because of my chemistry and biology teachers, Dr Robinson and Miss Flaberty who did everything they could to help me achieve my predicted grades. They set me up a space in their shared office where I could go in my free periods to practice exam scripts and go through units with them. I had many successes during my time at QE but what stands out is the dedication and commitment from staff to enable and guide students to achieve everything they dream of. Dr Robinson and Miss Flaberty's belief in my abilities was inspiring and I still, 12 years on, frequently think about the instrumental role they played in my career direction. The school may have changed significantly since I studied there, but on my recent alumni visit, it was clear that the ethos and energy that I remember so fondly was still extremely prevalent. QE is a special place and I feel extremely privileged to have studied there and made long lasting friends."



Hear from Ethan

AAQ Science



Dr Ethan Perkins



STEM Club

Medics Society

