



SUMMER 2023 EXPERIENCES

PRO-ED ET AL

"PASSION-DRIVEN CAREER EXPLORATION"

steven@educationadvisers.co.uk

WHO WE ARE

- ProEd delivers immersive career learning experiences to students aged 13–15 and 16–18 who aspire to break into some of the world’s most competitive career sectors including Science, Technology, Medicine, Engineering, Law and Finance.
- Our programmes offer the ‘ultimate work experience’ through interactive simulations, site visits, seminars, networking sessions and career coaching guidance.
- Our residential summer programmes take place in the heart of London at Imperial College, a world top-10 ranked university.
- We offer experiences across multiple career pathways including Medicine, Engineering, Computer Science, Law, Finance and Psychology.
- We have built relationships with industry-leading organisations and experts to give our students a unique insight into their chosen career path. The theoretical components of our programmes are developed by members of the academic faculty at Imperial College, London.



WHO WE ARE

Education Advisers are an educational consultancy, providing impartial advice on UK placements into UK independent schools and universities.

Many parents approach us for advice on entry to top quartile school and universities and we are delighted to be able to promote ProEd's School Partnership Programme.

We have a variety of fantastic academic summer programmes listed on our summer course website - bestsummerschools.co.uk



Our Founder



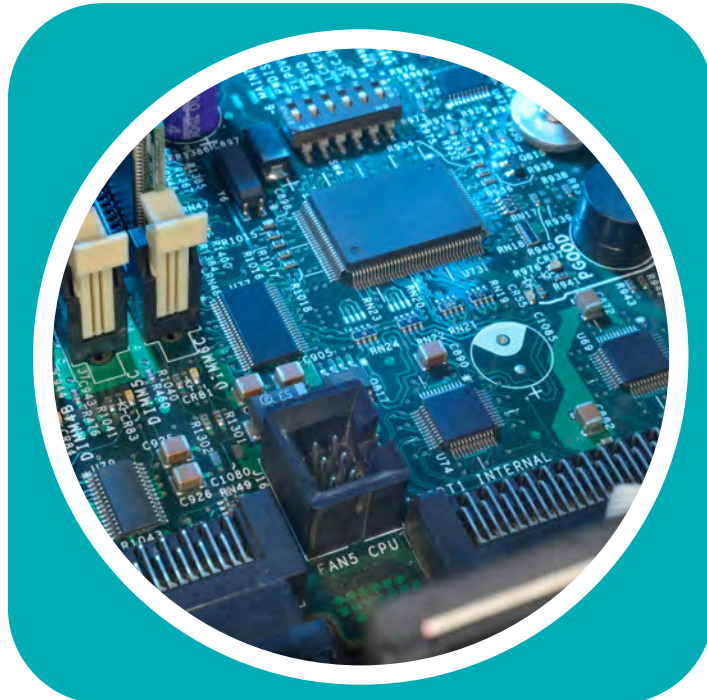
Dr. Randall Perry is the founder and driving force behind ProEd, an innovative education company that specialises in providing passion-driven career exploration opportunities to students. A seasoned professional with a wealth of experience in Earth and planetary sciences, geochemistry, microbiology, and education, Dr. Perry has a distinguished academic background.

With a background in scientific research, Dr. Perry has held prestigious fellowships at University of Oxford and Imperial College London, where he continues to serve on the academic staff. He holds a B.S., M.S. and Ph.D. from the University of Washington and is a certified NASA astrobiologist.

His current focus is on education and he has published extensively in his areas of expertise. With his expertise, experience and vision he has founded ProEd to empower young generation to explore their passion and find the path they want to take in life.



Summer Programmes 2023



Future Computer Scientist

Programme Highlights

Immersive Day in Industry

Develop Your Coding Skills

Develop your University Application



Future Banker

Programme Highlights

Professionals Day

A Day in Industry

Discover Life as a Trader



Future Engineer

Programme Highlights

Immersive Day in Industry

Manufacture Your Own Composite Parts

Develop your University Application

Summer Programmes 2023



Future Lawyer

Programme Highlights

Live Trial in Court Setting

Plan & Execute a Negotiation

Develop your University Application



Future Doctor

Programme Highlights

London NHS Hospital Experience

Develop Your Clinical Skills

Meet Senior Medical Staff



Future Psychologist

Programme Highlights

Royal London Hospital Experience

Royal Courts of Justice Experience

Develop your University Application

The Campus

ProEd Summer Experiences are hosted at Imperial College, London, a top-10 world ranked university. Situated in South Kensington, right in the heart of the 'Albertropolis', the area is famous for its Edwardian architecture.

Immerse yourself the rich history that South Kensington has to offer, just a stone's throw away from the Royal Albert Hall and the Natural History, Science and Victoria & Albert museums.

Most of our student halls are situated on campus, providing ample opportunity to explore the famous vicinity. With Harrods and Hyde Park on our doorstep, students will never be short of things to do in their time out of class.



The Residential Summer Experience

Experience a hands-on approach to learning with our tailored summer courses in London. Surrounded by the glorious academic settings of Imperial College, students can enjoy our residential courses on a 1 week or 2 week timetable.

Our London summer school offers supportive vocational programmes with unparalleled levels of expertise from industry professionals. We prepare students with exposure to the real world of their chosen profession with programme lectures, simulations, and workshops. Our internship programmes prepare students for the world of work in a proactive, non-traditional format.

Dates:

July 23rd - August 4th 2023 - 2 Week Summer Experience

August 20th- August 25th 2023 - 1 Week Back to School Programme



Ages 13-15



Ages 16-18



Experience an immersive day in industry

All our residential experiences feature an immersive day working alongside professionals in industry. This offers students a unique opportunity to gain insider knowledge into their chosen career path.

From working alongside senior medical staff in busy London Hospital, to arguing your case in a working court room, each programme offers a unique experience for every student in attendance.



The Online Summer Experience

We are proud to offer bespoke vocational programmes for students aged 13-18, preparing them for future academic success. Our online university career simulation programmes span a diverse range of subjects, including computer science, engineering, economics and finance, medicine, and law.

Dates:

July 17th - July 23rd 2023 - 1 Week Summer Experience



Ages 13-15



Ages 16-18



Back to School Summer Programme

The Back to School suite of summer programmes has been designed with the start of the new school term in mind. With 1-2 weeks before most schools are back in session, this programme is ideal for students looking for in depth career insights ahead of their university application. The programme is also suitable for students interested in pursuing career curiosities ahead of the new school term.

Dates:

August 20th- August 25th 2023 - 1 Week
Back to School Programme



Ages 13-15



Ages 16-18



ProEd Residential Timetable

Sample Timetable (Week 1)



	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
08:00								
09:00				BREAKFAST				
10:00		Academic Enrichment Seminar / Lecture	Academic Enrichment Seminar / Lecture	Academic Enrichment Seminar / Lecture	Academic Enrichment Seminar / Lecture	Immersive Day in Industry	Free Time	
11:00								
12:00								
13:00								
14:00				LUNCH				
15:00	Arrivals	Practical Workshop /Simulation Activities	Practical Workshop /Simulation Activities	Practical Workshop /Simulation Activities	Practical Workshop /Simulation Activities		Immersive Day in Industry	Trip to Oxford Street
16:00								
17:00								
18:00								
19:00				DINNER				
20:00	Tour of South Kensington & Ice Breaker	Trip to Harrods	Guest Speaker	Natural History Museum	Hyde Park Activities & Kensington Palace	Immersive Day in Industry		Quiz Night
21:00								
22:00								
	Evening Sign In							

This is a sample timetable and may be subject to changes.

ProEd Residential Timetable

Sample Timetable (Week 2)



	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:00				BREAKFAST			
09:00							
10:00	Free Time	Academic Enrichment Seminar / Lecture	Academic Enrichment Seminar / Lecture	Academic Enrichment Seminar / Lecture	Final Project Preparations	Global Space Design Challenge	Departures (Optional)
11:00							
12:00							
13:00				LUNCH			
14:00	Thames Boat Tour	Practical Workshop /Simulation Activities	Practical Workshop /Simulation Activities	Practical Workshop /Simulation Activities	Final Project Presentations & Feedback	Global Space Design Challenge	Departures
15:00							
16:00							
17:00				DINNER			
18:00							
19:00							
20:00	Dinner out in London	Debate Night	Trip to Royal Albert Hall	Central London Tour & Buckingham Palace	Awards Ceremony	Departures	
21:00							
22:00							
	Evening Sign In						

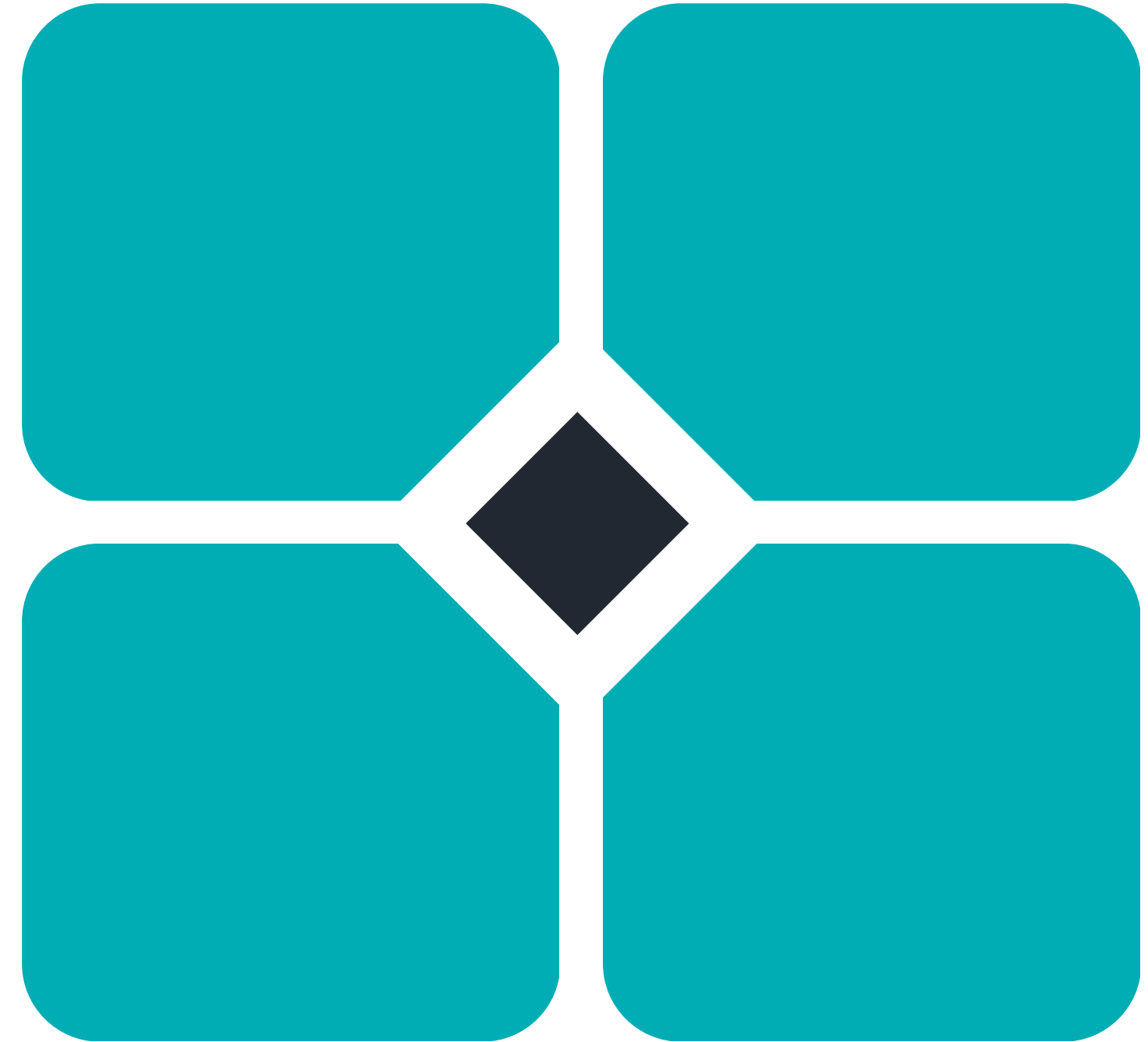
This is a sample timetable and may be subject to changes.

Our Unique Approach to Teaching

Approach

The curriculum across all programmes are designed to provide students with a comprehensive understanding of the subject by teaching theoretical concepts in the morning and allowing students to apply that knowledge in a practical setting in the afternoon.

This approach mimics the working world by providing students with the opportunity to develop both theoretical knowledge and practical skills, which are crucial for success in today's workforce.

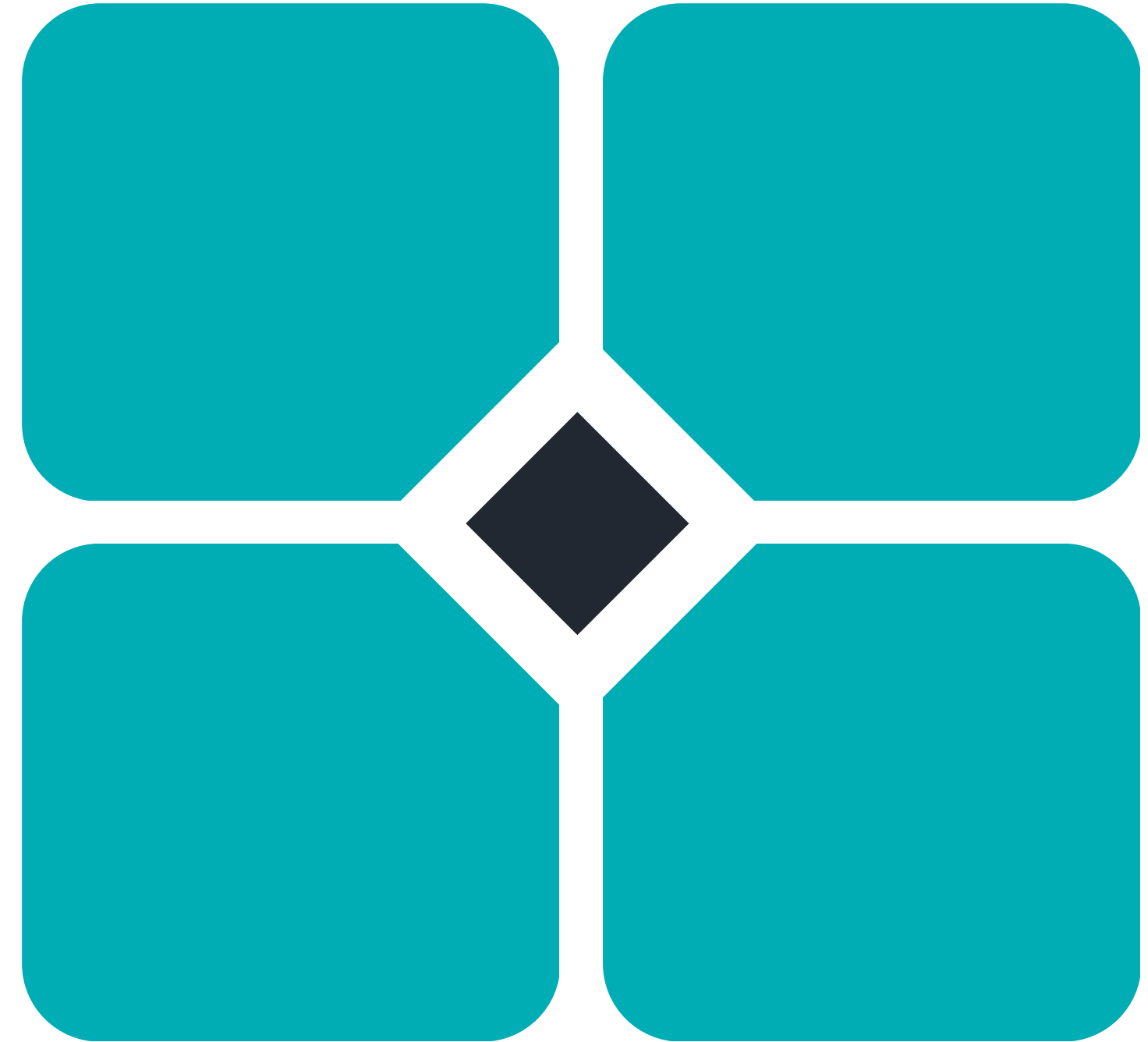


The Morning Sessions

During the morning session, students will attend lectures and engage in discussions and group activities that focus on:

- Subject specific lectures and seminars
- Case studies
- Problem sets

These activities will help them build a strong foundation of subject knowledge, which is essential for understanding the more complex concepts that will be covered in the afternoon.

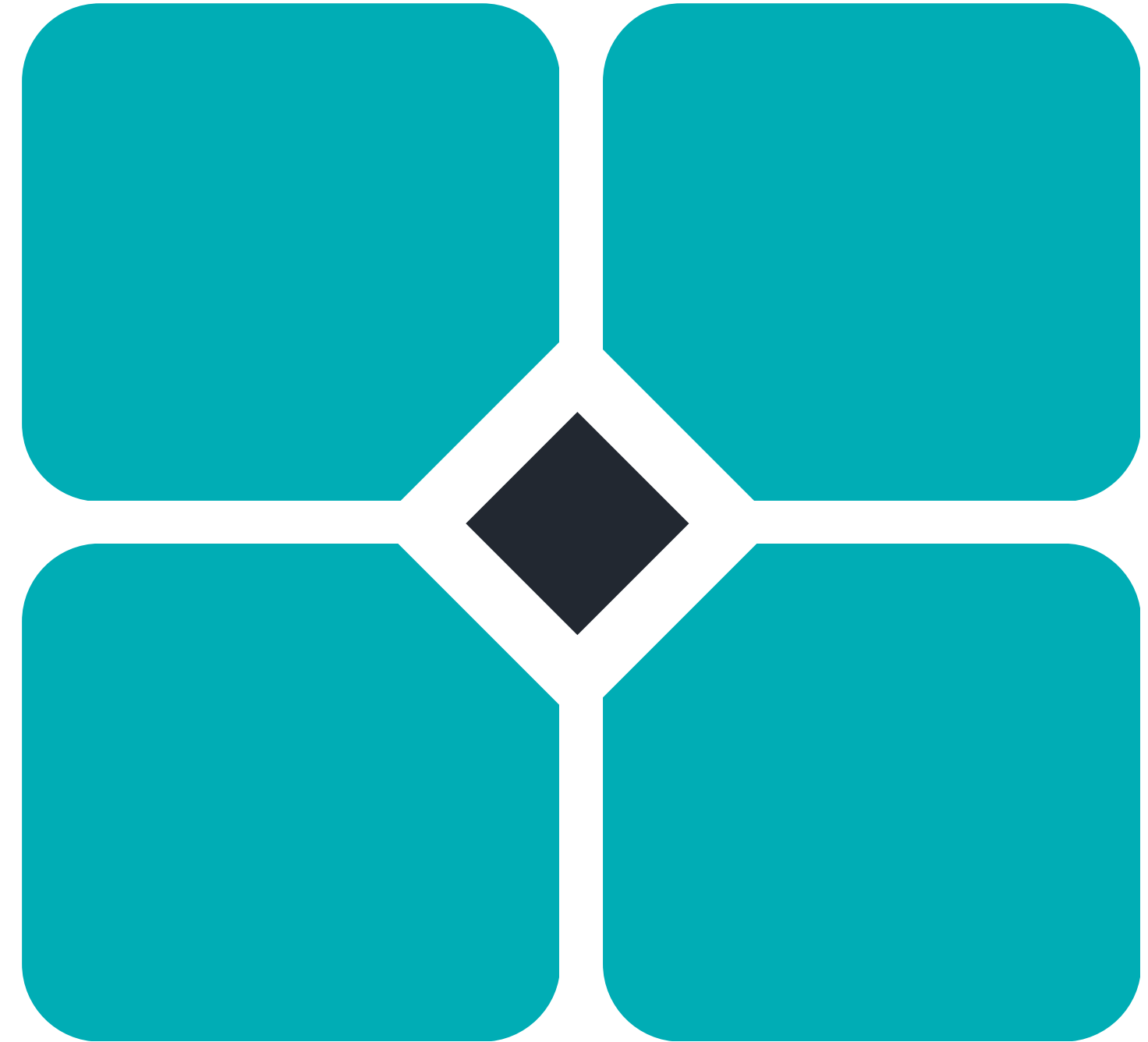


The Afternoon Sessions

In the afternoon, students will have the opportunity to participate in hands-on, project-based activities that allow them to apply the concepts they learned in the morning. These activities may include:

- Conducting experiments
- Creating projects
- Working on case studies
- Participating in simulations

These activities provide a real-world context for the subject and give students the opportunity to develop practical skills that are valued by employers.



Fees

2 Weeks Residential

£5,375

Back to School Programme (Residential)

£2,675

1 Week Online

£975

What's Included

- Full accommodation, a cooked breakfast and dinner (packed lunches can be booked on request at an extra cost)
- Programme lectures, workshops, and simulations
- All excursions
- Official certificate of completion
- Tutor written report
- Airport transfers are not included in the programme fee but can be purchased in addition



Future Computer Scientist Experience

The Future Computer Scientist programme, available residentially and online, has been designed by experts in the field to offer students an exciting, immersive, and technical insight into careers in computer science and engineering.

Throughout the programme, you will be introduced to the main concepts in computer science, learn the fundamentals, develop your technical skills, and discover the variety of career options in computer science.

The programme offers you the opportunity to delve into the world of AI, Machine learning, Quantum Computing and more. You will take part in interactive workshops designed to develop your skills, seminars to pique your interest and reflection to help you best utilize your time on the programme.

WEEK 1

- Introduction to Logic
- Programming
- Game Development
- Machine Learning
- Day in Industry

WEEK 2

- Quantum Computing
- AI & The Metaverse
- Your University Application
- Interview & Admissions Tests
- Global Space Design Challenge

2023 DATES

 17th July – 23rd July

 23rd July – 4th Aug

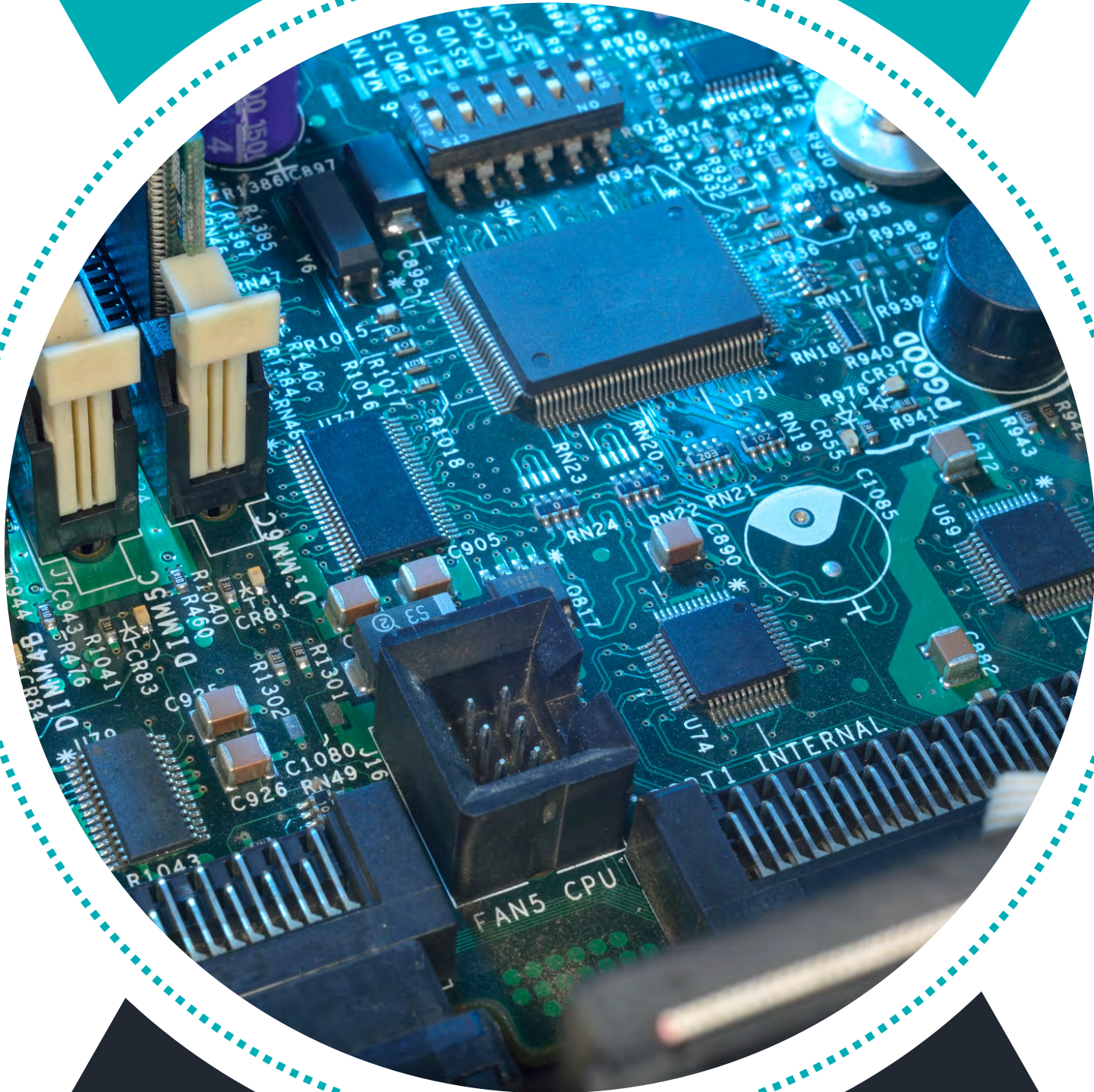
 20th Aug – 25th Aug



Ages 13–15



Ages 16–18



Future Computer Scientist - Day in Industry



- An immersive day in industry at MK:U, the Cranfield University innovation hub, offers students the opportunity to gain a valuable understanding of what it is like to work within the industry. They will experience cutting-edge virtual and augmented reality (VR and AR) technologies, and gain insight into some of the UK's leading companies exploring autonomous vehicle technology.
- The day begins with an introduction to VR and AR technologies, and their potential applications across a variety of industries. Students will then have the opportunity to try out VR and AR equipment and software, and engage with professionals in the industry who will share their experiences and insights.
- In the afternoon, students will visit some of the UK's first companies working on autonomous vehicles. These companies are at the forefront of this rapidly evolving technology, and students will gain a deeper understanding of the technical and business challenges involved in developing autonomous vehicles. Students will have the chance to interact with the companies' professionals, ask questions, and gain a first-hand insight into the work of the company.
- Throughout the day, students will have the opportunity to network with industry professionals and gain a deeper understanding of the VR and AR, as well as autonomous vehicle industry. They will also have the opportunity to gain practical skills and knowledge which can be transferable to the workplace.
- By the end of the day, students will have a clearer idea of what working within the industry would be like, and they will have gained valuable experience and knowledge that they can take with them as they continue their education and explore potential career opportunities.

Future Banker (Economics) Experience

The Future Banker summer programme, available residentially and online, has been developed by experts within the field to offer students a fully immersive experience of working as a professional in the industry. Over the course of the programme you will dive into the world of finance, learn the fundamentals of the profession, and discover the exciting career pathways open to you.

This experience offers a unique combination of exposure to the world of the investment banking / finance industry, and life studying Economics related degrees at top universities. Immerse yourself in the world of banking and finance, corporate finance and trading, and work alongside world-leading professionals from within private equity, banking, and entrepreneurship sectors.

WEEK 1

- Introducing Banking & Finance
- Professionals Day
- Monopolies & Policy
- Asset Management
- Day in Industry

WEEK 2

- Corporate Finance & Trading
- Finance Project
- Your University Application
- Interview & Admissions Tests
- Global Space Design Challenge

2023 DATES

 17th July – 23rd July

 23rd July – 4th Aug

 20th Aug – 25th Aug



Ages 13–15



Ages 16–18



Future Banker - Day in Industry



- An immersive day in industry at MK:U, the Cranfield University innovation hub, offers students the unique opportunity to gain an in-depth understanding of the world of business. The day will involve workshops and lectures from industry experts on key business concepts, followed by the development of a fully costed business plan and a final pitch to a panel of industry partners.
- The workshops will cover topics such as market research, product development, sales and marketing, and financial management. Students will be divided into teams and will develop a business plan, including analyzing the market, developing products or services, and developing a financial model. Throughout the day, they will receive mentorship and guidance from industry experts who will provide feedback and help refine the business plans.
- The day will end with a final pitch competition where each team will present their business plan to a panel of industry partners who will provide feedback and select the winning team. This is a valuable experience that provides students with a taste of the real business world, and equips them with skills essential for any future business career.
- The day also provides students the opportunity to network with industry professionals and gain insight into the industry and future career opportunities. This immersive day in industry experience is a great way for students to learn and understand the business world and practicality apply their learning from the classroom to real industry.

Future Engineer Experience

The Future Engineer summer programme, available residentially and online, is an interactive experience that gives students a fully immersive insight into the life of a professional working in the engineering industry.

Over the course of the programme, you will explore a broad range of concepts including: structures, electronics, manufacturing, artificial engineering, robotics and space. The programme will also include an industrial visit to an engineering company and learning about the daily life of an engineer.

Using all the knowledge that you have developed over the course of the programme, you will work as part of a dynamic team to create an engineering solution for a business that will be pitched to a panel of industry professionals.

WEEK 1

- Your Start in Engineering
- Aerospace Engineering
- Robotics & AI
- Sustainable Energy
- Manufacturing

WEEK 2

- Space Engineering
- Immersive Day in Industry
- Your University Application
- Interview & Admissions Tests
- Global Space Design Challenge

2023 DATES

 17th July – 23rd July

 23rd July – 4th Aug

 20th Aug – 25th Aug



Ages 13–15



Ages 16–18



Future Engineer - Day in Industry



- A day trip to an aircraft hanger for students is a unique opportunity to experience life as a working aerospace engineer. Students will have the opportunity to work alongside experienced aerospace professionals and assist in maintaining a classic aircraft collection. This is a hands-on and interactive experience that provides students with a glimpse into the world of aerospace engineering.
- The day begins with a tour of the aircraft hanger and an introduction to the aircraft collection. Students will have the chance to see classic aircrafts and helicopters up close and learn about their history and design. The professionals will explain the maintenance and repair work that is required to keep these aircrafts in working condition.
- After the tour, students will be divided into groups and assigned to work on specific aircrafts or helicopters. The groups will be supervised by experienced aerospace engineers who will provide guidance and instructions on how to carry out the maintenance work. This might include tasks such as inspecting, cleaning, and tightening bolts.
- Throughout the day, students will have the opportunity to learn about different components of the aircrafts and helicopters, such as the engines, avionics, and flight control systems. They will also learn about the safety procedures and regulations involved in maintaining these aircrafts.
- In the afternoon, students will have the opportunity to work on the engines and other mechanical parts of the aircrafts and helicopters. This will provide them with an understanding of the principles of aerodynamics and propulsion. And have an opportunity to work with some of the tools and equipment commonly used in aerospace maintenance.
- The day will end with a debriefing session where students will discuss their experiences and the lessons they have learned. The professionals will also be available to answer any questions and provide further insights into the aerospace industry.

Future Lawyer Experience

The Future Lawyer summer programme, available residentially and online, has been developed by experts within the field to offer students a fully immersive experience of working as a professional in the legal industry.

Over the course of the programme, you will dive into the world of law, learn the fundamentals of the profession, and discover the exciting career pathways open to you.

This experience offers the opportunity to delve into criminal law, the art of negotiating, legal research and drafting, advocacy skills and case preparation, conducting appeals, and international space law. The programme includes a full day in London Court Room running a simulated live trial in a court setting with professionals from the industry.

WEEK 1

- Criminal Law
- The Art of Negotiation
- Legal Research & Drafting
- Case Preparation
- Conduct a trial in a real court setting

WEEK 2

- Conducting Appeals
- International Space Law
- Your University Application
- Interview & Admissions Tests
- Global Space Design Challenge

2023 DATES

 17th July – 23rd July

 23rd July – 4th Aug

 20th Aug – 25th Aug



Ages 13–15



Ages 16–18



Future Lawyer - Day in Industry



- A day trip to the Royal Courts of Justice is an exciting opportunity for students to gain insight into the inner workings of the legal system. The Royal Courts of Justice, located in London, is home to the High Court and Court of Appeal of England and Wales, and is a key venue for some of the most important and high-profile legal cases in the country.
- The day begins with a tour of the historic building, which is a magnificent example of Victorian architecture. Students will learn about the history of the courts and the role they play in the administration of justice. They will also have the opportunity to see the courts in session, observing real-life proceedings and getting a sense of the gravity and importance of the work that takes place within the building.
- After the tour, students will step into the shoes of a barrister and take part in a mock trial. The case will be based on a real-life scenario and students will have the opportunity to argue their case in front of a judge and jury, using the same procedures and protocols as real-life barristers. The students will be divided into prosecution and defence teams and will be required to research and prepare their arguments, presenting evidence, cross-examining witnesses and making final submissions to the court. The mock trial will be a great opportunity for students to develop their critical thinking, research, and public speaking skills.
- Throughout the day, students will have the chance to learn about the different careers in the legal profession and will hear from a range of legal professionals about their experiences and the different pathways into the industry. Students will also have the opportunity to ask questions and get advice on how to pursue a career in law.
- Overall, this day trip to the Royal Courts of Justice will provide students with an unparalleled understanding of the legal system and the inner workings of the courts. They will gain valuable knowledge and skills that will serve them well in the future, whether they choose to pursue a career in law or not. This excursion can be an enriching and informative experience that will give student an overview of what a day in life of a barrister looks like and it is also a very good way to come in contact with the legal profession and deepen their knowledge on the subject.

Future Doctor Experience

The Future Doctor summer programme is an interactive experience that gives students a fully immersive insight into the life of a professional working in medicine.

You will explore a broad range of concepts including physiology and clinical medicine. With a focus on the gastrointestinal, respiratory, cardiovascular and neurological systems, you will explore how the body is meant to be working and what can go wrong.

As well as exploring cutting-edge techniques, there will be valuable insights into the worlds of surgery and medical ethics. Students will also be given the opportunity to work alongside medical professionals for a full day at a London Hospital. Using the knowledge developed over the course of programme, students will then work as part of a dynamic team to create a medical solution for a business that will be pitched to a panel of medical professionals.

WEEK 1

- Physiology & Upper GI
- Respiratory
- Cardiology
- Neurology
- Immersive London Hospital Experience

WEEK 2

- Surgery
- Medical Ethics
- Your University Application
- Interview & Admissions Tests
- Global Space Design Challenge

2023 DATES

 17th July – 23rd July

 23rd July – 4th Aug

 20th Aug – 25th Aug



Ages 13–15



Ages 16–18



Future Doctor - Day in Industry



- A day trip to a top London teaching hospital is an excellent opportunity for students to gain first-hand experience of the inner workings of the National Health Service (NHS) and the medical profession. The day will begin with a tour of the hospital, led by a Trauma Service professional, where students will learn about the patient journey and understand the different departments and services that make up a modern hospital. They will have the chance to see the Resus, CT, and OR departments and learn about the various treatments and procedures that take place in these areas.
- After the tour, students will have the opportunity to work alongside medical professionals and learn from experienced senior medical staff. They will participate in clinical scenarios where they will be able to see the application of their classroom knowledge in real-life settings and understand the importance of teamwork and communication in the medical profession.
- Throughout the day, students will have the chance to learn from NHS staff through a series of clinical skills workshops. These workshops will cover a range of topics such as cardiopulmonary resuscitation (CPR), intubation, and suturing. These hands-on sessions will give students the opportunity to practice and develop the practical skills they need to become future healthcare professionals.
- This day trip will give students a glimpse into the fast-paced and challenging environment of a top London teaching hospital. They will learn about the different roles and responsibilities of medical professionals, the patient journey, and the inner workings of the NHS. The opportunity to work alongside medical professionals and conduct clinical skills workshops will give students a taste of what it's like to work in healthcare and will be useful experience that they can use to further understand their career choices.
- Additionally, students will also have the opportunity to ask questions and get advice from healthcare professionals about the different career paths available in the medical field, thus giving them a better understanding of the profession and career choices available. It will be an eye-opening experience for students and provides a valuable insight into the world of medicine and the role of healthcare professionals in the NHS.

Future Psychologist Experience

The Future Psychologist summer programme has been developed by experts within the field to offer students a fully immersive experience of working as a professional psychologist. This experience offers the opportunity to delve into health, forensic, clinical, and sport psychology. You will participate in interactive seminars and workshops, designed to inspire curiosity, critical thinking, and reflection.

These sessions will include guest speakers, real life case studies, role plays and hands-on research experience. They will offer a taster of psychological techniques including mindfulness, cognitive behavioural therapy, and motivational interviewing.

You will gain further insight into the practical application of psychology through visits to the Royal Courts of Justice and Royal London Hospital research departments. You will find out more about studying psychology at university level, and how to get started in developing your experience, on your career pathway to success.

WEEK 1

- Introducing Psychology
- Design a Study
- Forensic Psychology
- Clinical Psychology 1
- Clinical Psychology 2

WEEK 2

- Health Psychology
- Sport Psychology
- Your University Application
- Interview & Admissions Tests
- Global Space Design Challenge

2023 DATES

 23rd July – 4th Aug

 20th Aug – 25th Aug



Ages 13–15



Ages 16–18



Future Psychologist - Day in Industry



- A half day trip for students to gain industry insights into forensic psychology is an excellent opportunity for them to apply their classroom knowledge in a real-world setting and explore the application of psychology in the legal system. The activity will begin with a simulated trial where students will have the opportunity to work in a mock courtroom and participate in a simulated trial. Students will be assigned different roles such as witness, juror or defense attorney, and will have to apply the principles of forensic psychology to the case at hand. This will be a great opportunity for students to gain a deeper understanding of the legal system and the application of psychology in the criminal justice system. Throughout the activity, students will have the opportunity to ask questions and get advice from forensic psychology professionals.
- A separate half day trip for students to gain insights into clinical psychology, where they will visit a London hospital and discover the world of psychology in a clinical setting. They will have the chance to observe and speak with clinical psychologists and other healthcare professionals working in the hospital. They will learn about the different types of mental health disorders and the various approaches used to treat them. They will also have the opportunity to visit different departments of the hospital and see firsthand how psychology is applied in a clinical setting. Throughout the activity, students will have the opportunity to ask questions and get advice from clinical psychology professionals. This will give them a deeper understanding of the psychology profession and the different career paths available in psychology.
- Practical experience is an essential component of education, as it allows students to apply their knowledge and skills in real-world settings. The opportunity to gain insights into both forensic and clinical psychology is particularly beneficial for students studying psychology or related fields as it provides them with a deeper understanding of the subject matter.
- The simulated trial experience will help students to understand the legal system, the application of psychology within it, and the roles and responsibilities of forensic psychology professionals. This will give students a realistic view of the application of forensic psychology in the real world and help them to appreciate the importance of evidence-based practice.
- Similarly, the visit to the hospital will give students an understanding of the application of psychology in a clinical setting, the different types of mental health disorders, and the various approaches used to treat them. This will help them understand how psychology is used to improve patient outcomes in the field of mental health.



CERTIFICATE

OF PARTICIPATION

AWARDED TO

Future Medic Summer Experience

A handwritten signature in black ink, appearing to read "Randell Parry".

Dr Randell Parry

Chairman , ProEd

Imperial College
London



A handwritten signature in purple ink, appearing to read "Alison Ahearn".

Alison Ahearn

Director of Curriculum Development

Imperial College
London

Testimonial - Summer 2022



"Getting to explore medicine beyond the a-level syllabus was awesome! University-mimicking lectures were brilliantly delivered by expert tutors, gaining medical school experience before even applying! I even got the opportunity to explore a London hospital with practicing doctors! I couldn't recommend the programme more!"



**ALFIE - FUTURE DOCTOR
SUMMER 2022**

Want to find out more?

ProEd summer experience courses are hosted on the Imperial Campus, London. Education Advisers partners with ProEd on marketing the courses and recruitment of students. ProEd will handle all fees and registrations.

If you would like to discuss anything further, please contact Steven Sanderson at Education Advisers Ltd.

Email: steven@educationadvisers.co.uk

Phone: +44 (0)1622 813970

