

Advanced Maths and Problem Solving

Hone your problem-solving skills and gain a deeper understanding of key mathematical concepts. Differentiation, algebra and trigonometry are just some of the areas covered to help you tackle complex mathematical problems.

Available in Cambridge only.

Example timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 - 10:30	Guest speaker: "Solving complex problems" (civil engineer)	Trigonometric Graphs		Introduction to Differentiation	Introduction to Integration	
Break			University of Cambridge Lecture Series			Day trip to London
11:00 - 12:30	Binomial Expansion	Simple Trigonometric Identities		Sequence and Theories	Rate of Change and Numerical Methods	
Lunch						
13:30 - 15:00	EtonX Life Skills	EtonX Life Skills		EtonX Life Skills	EtonX Life Skills	Sunday
15:00 - 17:30	Punting	Sports at Parker's Piece	Mathematics walking tour and visit the University of Cambridge	Fitzwilliam Museum	Escape rooms	Optional shopping excursion or free time (If permitted)
Dinner						
18:30 - 21:30	Icebreaker games	Shakespeare theatre in the park	Bowling and karaoke	Picnic and games	Silent disco	

“I chose MPW to study, make new friends, practice my English and to get the knowledge to help my future education. It was a very interesting experience filled with lots of new information, good people and with very interesting activities.”

Tim - Kazakhstan



Business, Finance and Economics

Develop your understanding of the commercial world. Gain insight into how businesses operate – from business planning, investments and supply chains, all the way through to branding and marketing.

Available in Cambridge and London.

Example timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 - 10:30	Monetary Policy and The Business Cycle	Guest speaker: "Leadership styles" (business owner)		Business Decision Making and Decision Trees	Market Positioning and Market Mapping	
Break			University Lecture Series			Day trip to Cambridge/ London/Oxford
11:00 - 12:30	Bricks and Mortar vs Online and Innovation	Business Organisations and Liability		Finance Objectives and Profit and Loss	Theories of Leadership and Motivation	
Lunch						
13:30 - 15:00	EtonX Life Skills	EtonX Life Skills		EtonX Life Skills	EtonX Life Skills	Sunday
			Field trip: Innovative tech business			
15:00 - 17:30	Punting	Climbing		Fitzwilliam Museum	Escape rooms	
Dinner						Optional shopping excursion or free time (if permitted)
18:30 - 21:30	City tour	Quiz night	Bowling party	Board Game Café	Shopping	

“I liked the way how we were all the time discussing and giving our opinion of the topics that we were studying instead of focusing on the PowerPoint and copying the information.”

Nahia - Spain



Computing, Robotics and AI

Take an exciting look into the future. Explore the technology that will shape our lives and discover your areas of interest, with topics ranging from crypto to coding. Bring your imagination to tasks such as building a robot and developing characters for computer games.

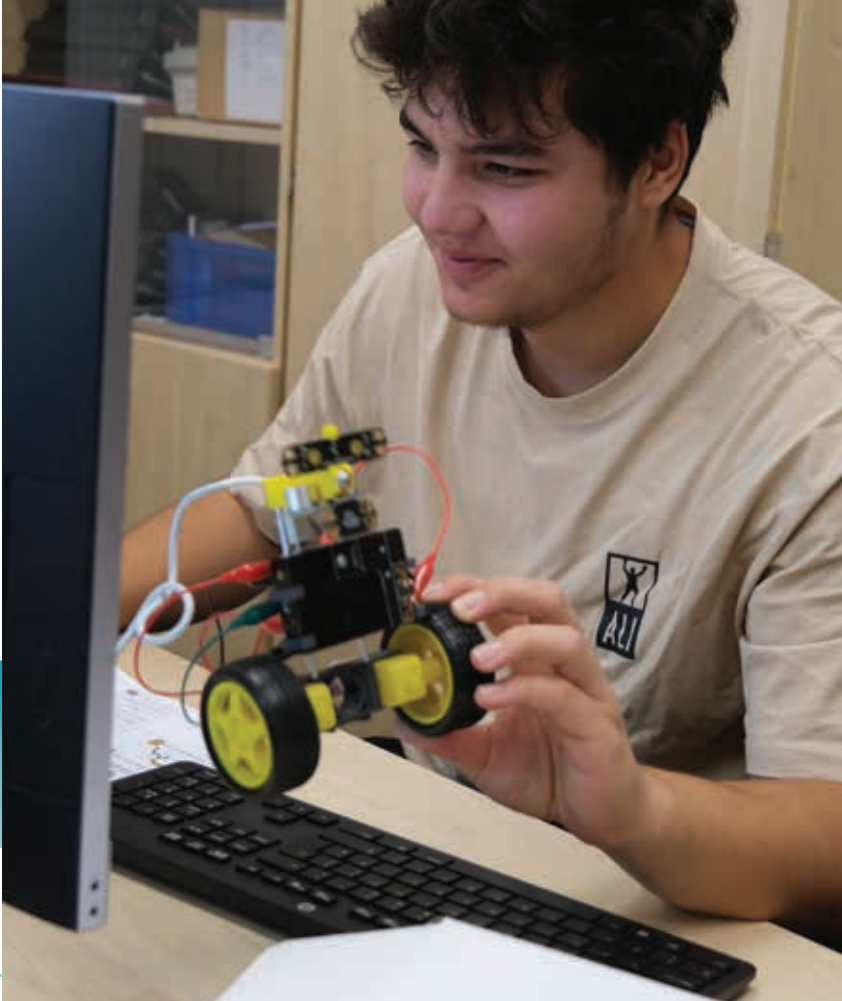
Available in Cambridge and London.

Example timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 - 10:30	Building a Robot (practical)	Artificial Intelligence: Image Detection		Guest Speaker: "Inscription and Hacking"	Building a Computer Game	
Break			University Lecture Series			Day trip to Cambridge/London/Oxford
11:00 - 12:30	Coding: Programming a Robot	Artificial Intelligence: Retraining an AI		Fundamentals of Cryptocurrency and Bitcoin	Gaming: Level and Character Design	
Lunch						
13:30 - 15:00	EtonX Life Skills	EtonX Life Skills		EtonX Life Skills	EtonX Life Skills	Sunday
			Field trip: Innovative tech company			
15:00 - 17:30	The London Eye and Big Ben	The Science Museum		The Design Museum	Mini golf	Optional shopping excursion or free time (if permitted)
Dinner						
18:30 - 21:30	Ice breaker games	West End musical	Quiz night and karaoke	City tour	Disco	

“My overall experience of summer school was amazing as I have met new people and I have learned more about robotics and AI and computing.”

Hamzah - Jordan



Law, Politics and International Relations

Understand the institutions and decisions that affect how we live and are governed. Explore the social, legal and political issues that dominate the headlines in our increasingly interconnected, but volatile world.

Available in Cambridge and London.

Example timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 - 10:30	Liberalism, Conservatism and Socialism	Identity and Social Equality		Globalisation and the balance of power	Guest Speaker "Law and Order" (city lawyer)	
Break			University Lecture Series			Day trip to Cambridge/ London/Oxford
11:00 - 12:30	Public Law: The Separation of Powers	Voting Behaviour		Conflict and War	Human Rights Act	
Lunch						
13:30 - 15:00	EtonX Life Skills	EtonX Life Skills		EtonX Life Skills	EtonX Life Skills	Sunday
15:00 - 17:30	Covent Garden shopping	Natural History Museum	Field trip: Houses of Parliament	The Science Museum	Mini golf	Optional shopping excursion or free time (if permitted)
Dinner						
18:30 - 21:30	City tour	Escape rooms	Shakespeare theatre	Picnic and games	Disco	

“I learned so much about Law, Politics and International Relations. I loved those subjects and how the teacher taught us. But also the friendships that I made were amazing. I’ll never forget these two weeks.”

Antonio - Italy



Medicine and Sciences

Start your journey to medical school. Take part in practical, hands-on workshops and build your theoretical knowledge. Gain valuable guidance from medical professionals and insight into how to succeed through the medical school admissions process.

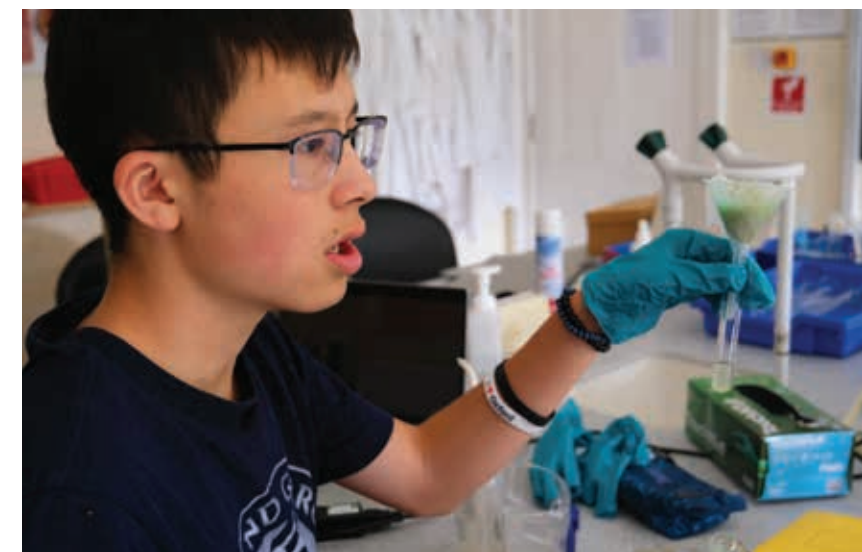
Available in Cambridge and London.

Example timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 - 10:30	Guest speaker: "What makes a good doctor?" (surgeon)	Problem Solving and Diagnostics		The Role of The Epidemiologist	First Aid (practical)	
Break			University Lecture Series			Day trip to Cambridge/London/Oxford
11:00 - 12:30	Ethics: Transplants and Transfusion	DNA Modelling and Extraction (practical)		The Brain Structure (dissection)	UCAT/BMAT and Interview Prep	
Lunch						
13:30 - 15:00	EtonX Life Skills	EtonX Life Skills		EtonX Life Skills	EtonX Life Skills	Sunday
			Field trip: Cutting-edge science research lab			
15:00 - 17:30	City tour	Punting		Escape rooms	Zoology Museum	Optional shopping excursion or free time (if permitted)
Dinner						
18:30 - 21:30	Icebreaker games	Shakespeare theatre	Bowling and karaoke	Picnic and park games	Silent disco	

“The teacher had extensive knowledge about the subject and made the classes interesting.”

Chalisa (Gigi) - Thailand



Psychology and Sociology

Take a fascinating look at human behaviour and how it shapes modern society. Discover the theory behind criminal behaviour, explore social identity, analyse family function in modern societies, and the influence of the media.

Available in Cambridge only.

Example timetable

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00 - 10:30	Theories of Criminal Behaviour Personality	Brain structure, aggression and crime		Guest speaker "Different approaches in psychotherapy"	Family function in modern society	
Break			University of Cambridge Lecture Series			Day trip to London
11:00 - 12:30	Is crime ever beneficial to society?	Prejudice and Discrimination: Social identity theory		Obedience theory	Modern society and media	
Lunch						
13:30 - 15:00	EtonX Life Skills	EtonX Life Skills	Cambridge University Tour and Visit King's College Chapel	EtonX Life Skills	EtonX Life Skills	Sunday
15:00 - 17:30	Punting on the River Cam	Fitzwilliam Museum		Bowling	Botanical Garden	Optional shopping excursion or free time (if permitted)
Dinner						
18:30 - 21:30	City tour	Escape rooms	Shakespeare theatre	Picnic and park games	Disco	

“MPW’s Summer School was a rewarding and memorable experience that enriched my summer break and broadened my horizons.”

Kirill - Russia

