

immerse
EDUCATION

Subject Spotlight

MATHEMATICS
2025



www.immerse.education

Why choose Immerse Education?

Immerse Education delivers transformative, personalised educational experiences for ambitious students worldwide. Rooted in the academic traditions of Oxford and Cambridge, our programmes foster critical skills through curiosity-driven learning and tailored mentorship. Students deeply explore subjects in a supportive environment that encourages trial and error, helping them to develop a growth mindset.

Immerse prepares students for long-term success by leveraging global networks and providing hands-on experiences in inspiring learning locations. Participants gain confidence, discover new perspectives, and access future opportunities while excelling in their chosen fields.



The Immerse Experiential Learning Framework

Our unique learning model honed at Oxford and Cambridge and grounded in our 5 C's framework — Critical Thinking, Collaboration, Communication, Creativity, and Conscientiousness — delivers unmatched personalised learning experiences. Through expert-led small group sessions, we foster curiosity, celebrate trial and error, and instil a growth mindset that empowers every student to thrive through transformative learning.

Bridging ambition and knowledge, we equip learners to excel with robust skills in their chosen paths. Our methodology combines expert instruction with next-generation tools, and we go beyond traditional education by nurturing future-proof soft skills.

Studying Mathematics at Immerse

ACADEMIC INSIGHTS:

Cambridge, Oxford

Those who master the study of numbers, structures and patterns go on to solve complex problems across innumerable fields. Immerse Education's Mathematics programmes offer an in-depth exploration of the mathematical sciences before university. Participants study algebra, calculus, and statistics and develop their analytical, logical, and mathematical skills through problem-solving sessions, theoretical analysis, and collaborative projects.

Led by experienced mathematicians and aligned with individual interests, the course covers various mathematical topics and theories.

What we offer



Pathways



ACADEMIC INSIGHTS

Academic Insights programmes cater to secondary and high school students between 13 and 18 years old. They're ideal for students looking to gain a taste of life on campus as a student at a prestigious university before they apply, in the form of transformative and intellectually enriching experiences.

Students can expect to engage in stimulating lectures and seminars led by expert tutors and industry professionals, offering deep insights into their chosen subjects. Our curricula are thoughtfully designed to blend theoretical knowledge with practical applications, encouraging critical thinking and problem-solving skills.



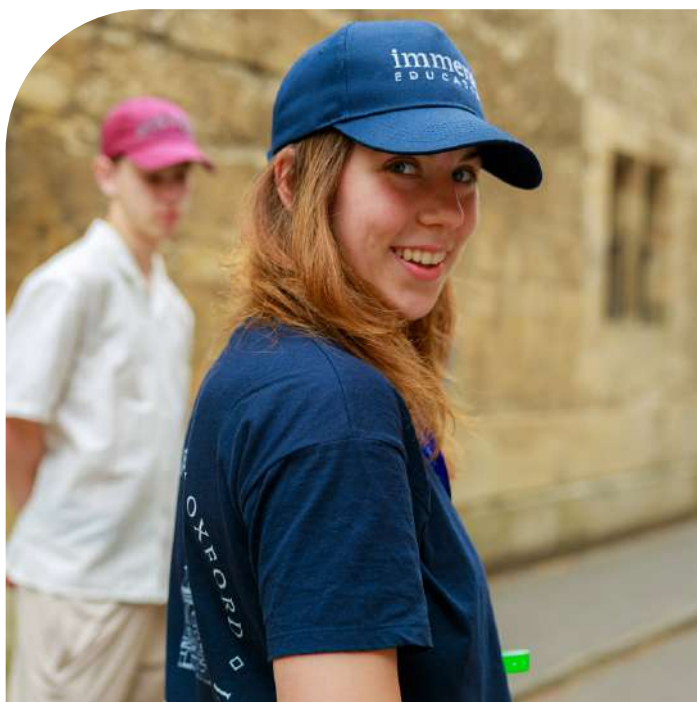
CAREER INSIGHTS

Career Insights programmes cater to secondary and high school students between 15 and 18 years old. They're ideal for students in search of real-world industry experience from leading experts. Specifically tailored to prepare learners for their career paths, these programmes equip learners with the knowledge and skills required to excel in the workplace.

Each year, students walk away from the programme having found like-minded, ambitious, creative, and curious peers after developing transferable skills such as confidence, resilience, and the ability to communicate more efficiently.



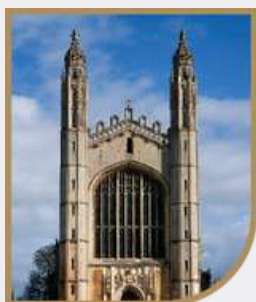
Age groups



AGES 16–18

Locations

Our programmes run in a variety of historic and inspiring university locations that give students a true insight into living and studying like an undergraduate at world-leading institutions.



CAMBRIDGE



OXFORD

Academic Insights





Learning outcomes

Immerse Education's Academic Insights programmes equip students with in-depth subject knowledge, practical skills, and a unique insight into university-level education. Participants engage in a tailored learning journey rooted in our 5 C's: Critical Thinking, Collaboration, Communication, Creativity, and Conscientiousness.

Students can expect to benefit from hands-on mentorship, networking opportunities, and exposure to real-world applications of their studies, preparing them for future academic and professional success. The immersive experience also builds confidence and motivation, encouraging learners to excel in their chosen fields.



WEEK 1												
	SUN	MON	TUES	WED	THURS	FRI	SAT					
08:00	ARRIVALS (12:00–18:00)	BREAKFAST (8:00–9:30)						FULL-DAY EXCURSION OXFORD/ CAMBRIDGE (8:00–18:00)				
08:30												
9:00												
9:30		THEORY-BASED SESSION (9:30–11:30)										
10:00												
10:30												
11:00												
11:30												
12:00		LUNCH (11:30–13:30)										
12:30												
13:00												
13:30	PRACTICAL-BASED SESSION (13:30–15:30)											
14:00												
14:30												
15:00												
15:30	TOUR OF THE CITY (15:30–18:00)	CHAUFFEURED PUNTING (15:30–18:00)	GUEST SPEAKER (15:30–18:00)	INDIVIDUAL COLLEGE VISITS (15:30–18:00)	FREE TIME (15:30–18:00)							
16:00												
16:30												
17:00												
17:30												
18:00												
18:30			DINNER (18:00–20:00)				TRADITIONAL OXBRIDGE FORMAL DINNER (18:00–22:00)		DINNER (18:00–20:00)			
19:00												
19:30												
20:00	WELCOME TALK & ICE-BREAKER GAMES (20:00–22:00)	FIRESIDE CHAT (20:00–22:00)	BLACK TIE NIGHT (20:00–22:00)		QUIZ NIGHT (20:00–22:00)	MURDER MYSTERY (20:00–22:00)		MOVIE NIGHT (20:00–22:00)				
20:30												
21:00												
21:30												
22:00												

WEEK 2												
	SUN	MON	TUES	WED	THURS	FRI	SAT					
08:00	CENTRAL LONDON WALKING TOUR (8:00-18:00)	BREAKFAST (8:00-9:30)					DEPARTURES (8:00-14:00)					
08:30												
9:00												
9:30		THEORY-BASED SESSION (9:30-11:30)										
10:00												
10:30												
11:00												
11:30		LUNCH (11:30-13:30)										
12:00												
12:30												
13:00		PRACTICAL-BASED SESSION (13:30-15:30)										
13:30												
14:00												
14:30												
15:00												
15:30		SCAVENGER HUNT (15:30-18:00)	BRITISH SPORTS DAY (15:30-18:00)	SELF-GUIDED PUNTING (15:30-18:00)	TALENT SHOW PREPARATION (15:30-18:00)	GRADUATION CEREMONY (15:30-18:00)						
16:00												
16:30												
17:00												
17:30												
18:00	DINNER (18:00-20:00)					GRADUATION DINNER (18:00-20:00)						
18:30												
19:00												
19:30												
20:00	SELF-STUDY TIME (20:00-22:00)	BOARD GAMES (20:00-22:00)	WEREWOLF (20:00-22:00)	CAKE & CANVAS (20:00-22:00)	TALENT SHOW (20:00-22:00)	FINAL PARTY NIGHT (20:00-22:00)						
20:30												
21:00												
21:30												
22:00												



Online Research Programme

Our Online Research Programme offers 1:1 and group tutoring with an expert academic from the University of Oxford, the University of Cambridge, or an Ivy League University. The combination of subject study and academic research project development will help you hone the skills you need to succeed in higher education.

Participants gain personalised mentorship and develop essential skills such as academic writing and independent inquiry. The program is entirely online, allowing flexibility and access to world-class resources.

Success stories

"The programme helped me prepare for university because it allowed me to get to know the course and the subjects that I would study. I now know the most important aspects that I need to work on to pursue my chosen career in Law."

Samuel, Career Insights participant who studied Law on our London programme.

"I've enjoyed meeting new people with Immerse, people who have different passions than I do and are studying different courses. I've learned so much in these two weeks and we've covered so many new topics that I hadn't heard of."

Gonzalo, Academic Insights participant who studied Computer Science on our Oxford programme.

"Passion may seem simple, but for me, it meant finding the answer to one of the most important questions in my life. It meant what career I would pursue, it meant what impact I would make on the world, it meant finding that fire that drives me, but most importantly it meant finding a part of me that I didn't know existed. This program strengthened and filled me with even more motivation to pursue medicine to make an impact in the world."

Khushi, Online Research Programme participant who studied Medicine.



Academic destinations



Career destinations



How to enrol

Make 2025 the year you gain academic direction, lifelong friends, and a foot in the door of your chosen industry. Enrol today in any of our world-class programmes via [our website](#) and begin your journey towards a higher level of learning.

Once the enrolment form is completed, a member of staff will be in touch to confirm your place to study. Contact our team at hello@immerse.education with any questions. Bundled prices are subject to change.

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[ENROL TODAY](#)

