

TABLE OF CONTENTS

About CATALYST - 5

Programme overview - 7

Syllabus - 13

Our educators - 21

Alumni community - 23

Our virtual campus - 25

Admissions - 27

FAQs - 28

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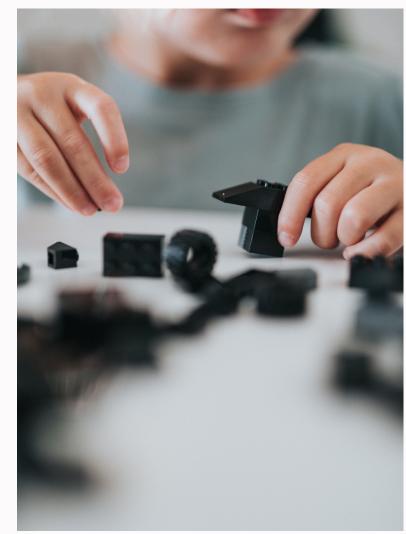
WE'VE RECEIVED 312 APPLICATIONS TO DATE FOR **OUR CATALYST FOUNDATIONS** AND RETHINKING CHANGE SYSTEMS **PROGRAMMES**



10/10 "ALL IN ALL, 10/10" - TABI, STUDENT, **PAKISTAN**



STUDENTS HAVE JOINED US FROM OVER 15 DIFFERENT COUNTRIES ACROSS 5 **CONTINENTS**





300+

WE'VE WORKED WITH OVER 300 STUDENTS ACROSS OUR PROGRAMMES AND OTHER **EDUCATIONAL INITIATIVES**



EDUCATOR-RATIO OF 6:1

ABOUT CATALYST ABOUT CATALYST ABOUT CATALYST

EDUCATION THAT KEEPS UP WITH THE WORLD

Welcome to CATALYST, where we take a dynamic approach to learning. Our online programs, offered at key times throughout the year, are one-week intensives designed to engage and challenge young minds.

Our objective at CATALYST is clear and purposeful: to cultivate adaptable, resilient learners who not only achieve academic success but also develop the critical thinking skills essential for solving complex problems. We are committed to preparing our students to be thoughtful, contributing members of society.



"Never has there been a more important time for students to think across disciplines — to adapt and solve problems as the world around them changes."

Clarissa Farr (Former Head Mistress, St Paul's Girls School)

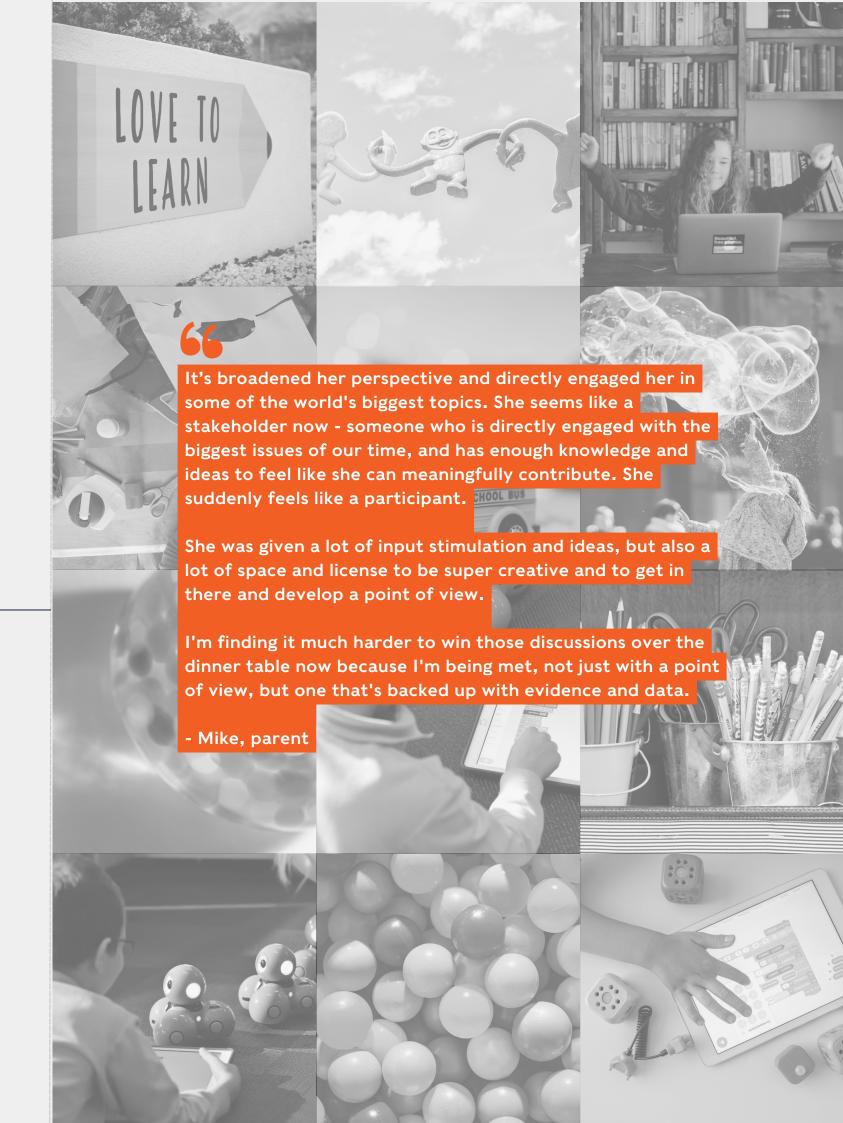
WINCHESTER COLLEGE

Located in the historic heart of Winchester, UK, Winchester College has been a hub of academic excellence for over six centuries. Whilst rooted in tradition, the College champions progressive education, sparking a passion for lifelong learning.

Winchester College boasts a legacy of producing outstanding scholars, innovative thinkers, and influential leaders. Here, knowledge sparks curiosity, driving students to seek further understanding and intellectual expansion.

The College offers a comprehensive education experience. Students are both supported and pushed to excel by dedicated faculty, rigorous academic programmes, and a wide range of extracurriculars.

More than just academics, Winchester College instills values of responsibility, integrity, and empathy. It thrives as a diverse community, encouraging a broader understanding of the world and the role of education in shaping it. This blend of tradition and innovation sets the stage for the CATALYST programmes.



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I have loved this course and how intellectually stimulating it has been. I love how we can discuss and learn about things we do not normally get taught or think about."

Natty (student)



· CATALYST

FOUNDATIONS

2024 PROGRAMME INFO

	April	July	August
Ages	10-13	10-13	10-13
Dates	08-12 April	22-26 July	12-16 August
Duration	5 days (Mon-Fri)	5 days (Mon-Fri)	5 days (Mon-Fri)
Fees	£1,750	£1,750	£1,750
Location	Online	Online	Online

FEES & FINANCING

FINANCIAL ASSISTANCE

CATALYST offers financial assistance in the form of partial or full fee discounts. This assistance is available on a case-by-case basis and can be requested during the online application.

We have limited financial aid spots at CATALYST, and we want to help those who will benefit most from the programme. So, if you're applying for assistance, we will need to ask you for some more information as part of the application process.

LEARN WITH A FRIEND

'Learn with a Friend' enables pairs of students to enroll together and both enjoy 15% off their fees. This could be a friend or a sibling, the choice is yours!

To Learn with a Friend, simply mention each other's names using the

referral code "Learn with [Friend's Name]". If both students are accepted, you will automatically receive the discount.

Please keep in mind that if one applicant decides to drop out before paying, the discount will sadly disappear.



CHANGE PROJECTS

In the Foundations programme, students get to embark on their very own Change Project – a fun and engaging way to make a real difference in areas they're passionate about. Whether it's creating solutions for climate change, innovating in health and education, or tackling other societal challenges, these projects are far from ordinary assignments.

Change Projects are a springboard into project management, problem-solving, and creative thinking. They're a chance for students to flex their skills in critical thinking, self-motivation, discipline, and communication, all while exploring their curiosities. These projects not only shine a light on a student's interests and talents but also become a standout part of their journey, adding a unique edge to secondary school applications.

SKILLS

In today's fast-changing world, it's not just about what you know, but also how you use that knowledge. That's why at CATALYST, we focus on skills like creativity and understanding others — crucial for students aged 10-13 who are preparing for the exciting transition to secondary school. Foundations zeroes in on six essential skills which are especially important for this age group. These skills boost not just academic confidence but also help in navigating the challenges of growing up and moving to a new school environment.

Every student receives a personalized Transcript, which tracks their progress in these areas and offers improvement tips. This report is invaluable for students and parents, providing insights into educational readiness and ways to further develop skills after the programme.

THE BIG PICTURE

In a world that's always changing, knowing facts isn't enough. Pupils need to think differently, analyse deeply, and create new solutions. That's where critical thinking comes in, and it's a big part of what we do at CATALYST. We encourage our students to look at the world from different angles, even if it means stepping out of their comfort zones.

Critical thinking is more than just a pathway to academic success. It's about understanding the complexities of the world and preparing to be the problem-solvers and innovators of tomorrow.

PROGRAMME STRUCTURE

HOW DOES IT WORK?

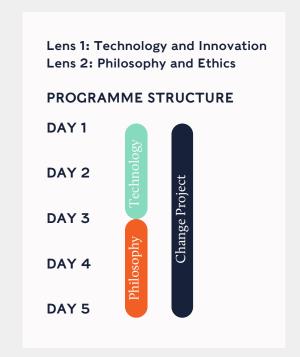
Foundations is structured around two distinct lenses (modules) and a Change Project running concurrently.

Below is an indicative timetable for a one-week CATALYST programme. A two-week programme follows the same structure but spread over a second week, allowing for greater depth into each area.



"I can better communicate with others, have made new friends, and have learnt how to lead a team."

Sophie (student)



INDICATIVE TIMETABLE:

TIME (UK)	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
08.30-09.40	Welcome & team intros	Language and Al	Change Project drop-in	Reflective Walk* Must have chaperone accompaniment	Finalising Change Project
09.40-09.50	Short break	Short break	Short break	Short break	Short break
09.50-10.50	Workshop: Black Ball Technology	Roundtable Discussion	Philosophy Scavenger Hunt	Moral Minecraft	Exhibition Practice rounds & speed gathering
10.50-11.00	Short break	Short break	Short break	Short break	Short break (end 10.45am)
11.00-12.00	Change Project introduction	Social session (mandatory)	Panel Talk	Roundtables/Consensus Building	10.45am: Exhibition* Parents & guardians encouraged to attend
12.00-12.45	Long break	Long break	Long break	Long break	Long break
12.45-13.45	Social/Change Project drop-in	Conundrums	Social/Change Project drop-in	Social/Change Project drop-in	Closing Ceremonies

OUR SIX KEY COMPETENCIES:

By the end of the programme, Foundations students will be able to:

DEFEND A NARRATIVE

Pupils become master storytellers. They'll learn to piece together arguments like a puzzle, creating stories that resonate with any audience. It's not just about making a point, but doing it in a way that's as exciting as their favorite book or film.

COLLABORATE WITH EMPATHY

Envision pupils in a team of superheroes, each bringing a unique perspective to the table. They'll learn to understand and value different viewpoints, working together to create something greater than they could alone. It's about teamwork with a twist, understanding others to build things together.

NEGOTIATE OUTCOMES

Here, pupils become a diplomat in training. They'll learn the art of negotiation, balancing their own needs with others' in challenging situations. Think of it as learning to find the perfect compromise, where everyone leaves the table happy. It's a real-life skill that's as useful in the classroom as it is in the playground.

COMMUNICATE EFFECTIVELY

In this skill, pupils become the director of their own stories. They'll learn how to share their ideas clearly and compellingly, keeping their audience engaged whether they're talking to one person or presenting to a crowd. It's about making every word count and every idea shine.

USE DATA WITH CONFIDENCE

Here, pupils turn into a number wizard, diving into the world of data with ease. They'll learn to make sense of numbers, see the stories they tell, and use them to make smart, informed decisions. It's a skill that turns homework and real-world problems into a fun numbers game.

SOLVE PROBLEMS

Pupils will become aproblem-solving champions, tackling challenges like a detective on an adventure. They'll learn to think quickly, use knowledge creatively, and find solutions that are both clever and practical. It's about turning "problem" into "puzzle" and having fun finding the solutions.

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CATALYST EDUCATORS

THE POWER OF GREAT TEACHERS

Each CATALYST educator brings unique strengths and experiences, but all are united by their shared commitment to pioneering educational transformation. Together, along with the rest of the CATALYST team, they aim to inspire learners and help them develop the skills they need to thrive in a rapidly changing world.



JUSTIN PINNELLS (ACADEMIC DIRECTOR)

Justin, fluent in both English and German due to his bilingual upbringing in Germany, specializes in literature and linguistics. His in-depth knowledge allows him to effectively guide students to a high level of fluency. With a keen interest in technology, Justin incorporates modern technologies in his teaching at CATALYST to deliver innovative learning experiences.



DR BETH MACKINTOSH

Beth Mackintosh has built a notable career in philosophy, theology, and religious studies, starting with her PhD from Durham University. Currently serving as the Head of Philosophy and Theology at Winchester College, Beth is dedicated to making complex subjects approachable and comprehensible for her students.



REBECCA DOWBIGGIN

Rebecca Dowbiggin is a dedicated education consultant with a track record of guiding students in higher education worldwide. Her ongoing research at the University of Oxford on the psychology of learning equips her with advanced strategies to tailor her teaching. At CATALYST, she consistently ensures a personalised and effective learning approach for each student.



TEBOHO MABUKA

Teboho Mabuka, with a background in political science and economics, delivers a distinctive teaching approach by blending her academic knowledge with real-world leadership experience. Having started at the African Leadership Academy and served in the financial sector, Teboho is committed to developing future leaders at CATALYST.



EMMA GREENWOOD (MENTOR)

Emma Greenwood, a recognised youth voice in climate activism, offers invaluable insights from her experiences in local and national politics. Co-founding Youth Strike 4 Climate

Manchester and her active role in public speaking make her a critical mentor at CATALYST. Through her guidance, she strives to shape students into proactive contributors to societal issues.

THE SYLLABUS LENS #1





TECHNOLOGY & INNOVATION

In Lens #I, students won't just learn history; they'll question it, debate it, and maybe even predict the future. It's a wild ride through the past, present, and future of tech!



LENS OVERVIEW

Imagine hopping into a time machine and zipping through the history of technology – that's what Lens #1 is all about! In this exciting journey, students will uncover how gizmos and gadgets changed the world.

First stop: The Printing Press. It's not just an old machine; it's the grandfather of Google!

Students will discover how this ancient tech made books a thing for everyone and kicked off a knowledge revolution.

Next up: The Mighty Battery. Think it's just for flashlights? Think again! This little powerhouse lit up our world in ways you wouldn't believe, turning everything from smartphones to electric cars into reality.

Then, we'll fast forward to the Personal Computer. It's not just about games and social media; these machines turned everyone into wizards of work and creativity, connecting people across the globe.

But hold on, there's a twist in the tale! With great tech comes great responsibility.

Students will dive into the world of Artificial Intelligence, the latest frontier. It's a world of robots, smart gadgets, and big questions.

Is AI a super cool helper or a sci-fi headache waiting to happen?

SAMPLE ACTIVTIES

In Lens #I, students embark on an Al adventure where technology meets imagination. They'll play with Al to create art from words, spot the sneaky deep fakes, and even dabble in Al-crafted tunes, turning tech exploration into an exciting game of discovery.

The module then shifts gears, challenging students to think deeply about technology's role in our world. They team up to design an ethical charter for AI, considering how this powerful tool affects areas like healthcare, global politics, and even the arts. As they debate and draft their ideas, they're not just learning about AI — they're becoming young ethical leaders of tomorrow.

The finale? Each team presents their charter, stepping into the shoes of tech experts and facing a panel of assessors.



"It's had such a great impact. I definitely appreciate that the sheer quality of education on offer has been very impressive and lived up to my hopes."

Susan (parent)

ESSENTIAL QUESTIONS

- How have technology and innovation catalysed societal change?
- What changes are we yet to confront as the pace and scale of innovation accelerates exponentially?
- What opportunities and threats do we as a global society face as we arrive at a technological threshold: Artificial Intelligence?
- What frameworks are needed for effective and ethical AI governance?

KEY LITERATURE

- Taking superintelligence seriously Superintelligence: Paths, dangers, strategies by Nick Bostrom
- Life 3.0: Being Human in the Age of Artificial Intelligence by Max Tegmark
- Alan Turing: The Enigma by Andrew Hodges

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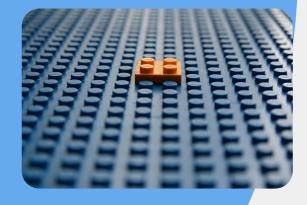
THE SYLLABUS LENS #2

LENS #2

PHILOSOPHY AND ETHICS

Lens #2 seeks to take the student on a powerful journey. It is exciting and crucial for young minds to explore and engage with the urgent rethinking of fundamental concepts like 'human', 'self', imposed upon us as we journey deeper into the Anthropocene and into a Transhuman and Posthuman world.

Many students who join CATALYST are passionate about urgent global issues, and it can feel frustrating to speculatively discuss abstract metaphysical ideas whilst the world is literally burning. Lens #2 is designed to guide students to explore new forms of agency that can have immediate, urgent and practical forward.

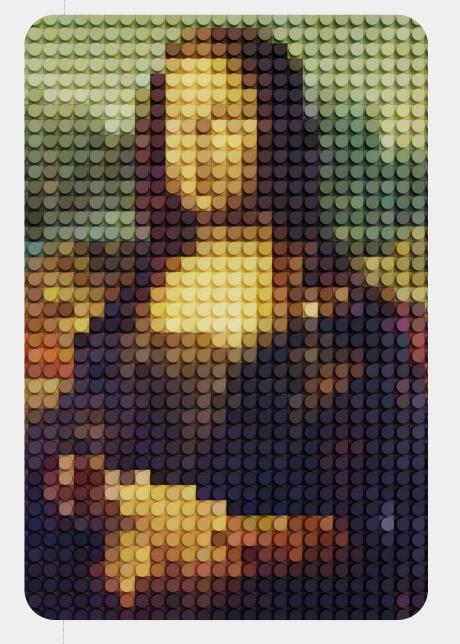




"You will be challenged through debate, discussions, and tasks which push you out of your comfort zone to discover things you didn't know about yourself or that vou didn't think were possible."

Michael (student)

When providing us with accounts of community, philosophers have often put forward very specific qualifications for membership. To underscore the need to explore different accounts of moral communities, Lens #2 considers both traditional philosophy, the work of cultural and philosophical anthropology, reflections from indigenous communities, and scholars considering new frontiers of community namely, sentience and Artificial Intelligence.



KEY LITERATURE

- Environmental Culture by Val Plumwood
- This is Technology Ethics: An Introduction by Sven Nyholm and Steven D. Hales
- Environmental Philosophy by Simon P. James
- The Environmental Apocalypse: Interdisciplinary Reflections on the Climate Crisis by Jakub Kowalewski

ESSENTIAL QUESTIONS

- What is a person? Who is a person? Why is a person? Where is a person?
- Who or what is a person and can you extend personhood beyond carbon based life forms, to Al and the environment?
- What is a world? Where are you?
- What is it to talk of moral and political communities and how does AI and our environment fit into these conceptions? Who is included and, more crucially, who is left out?
- What do we owe each other, and how far do our obligations truly stretch?
- What should we value and why? How do we define value?

SAMPLE ACTIVITIES

Through a range of activities ranging from a 'philosothon' (an enquiry within a seminar type structure) to a 'philosophy walk' whereby students explore the natural environment, wherever that may be in the world, students have the chance to engage with philosophical enquiries and create their own line of arguments and positions.

Throughout Lens #2, students are challenged to articulate their own philosophical perspectives — arguments and counterarguments, committing opinions to an academic poster, which is an increasingly relied upon medium in secondary school.

15 • The Posthuman by Rosi Braidotti

· CHANGE PROJECTS

CHANGE PROJECTS

Change Projects equip students with problem-solving and project management skills through tackling real-world problems. Each project is unique and personally meaningful, requiring students to find their way around practical obstacles, adjust to evolving circumstances, and strategically solve problems.

Change Projects serve as a springboard for enhancing crucial skills. Students learn to break down complex issues, plan out their approach, carry out solutions, and critically assess their outcomes. Hence, whilst making a positive difference in the world, students are simultaneously bolstering their preparedness for tackling future projects and navigating complex situations.

THINK BIG, GET CREATIVE

We encourage students to think big, get creative, and actively participate in Change Projects, offering them a unique opportunity to apply their learning in impactful ways. We aim facilitate students' growth, not just academically, but also as budding leaders and change-makers.

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"I was amazed to see my son actively engaged and having discussions about topics that I don't usually hear him talking about. It was nice to hear him laughing and having fun while learning. I feel that my child has been brought out of his shell to think and discuss ideas and solutions with his peers. I have observed that he has taken on a leadership role where I would have expected him to shy away. I am really impressed."

Manju (parent)

PREVIOUS CHANGE PROJECTS

- Improving performance arts education in Northern Ireland (e.g. dance)
- A platform to learn conversational tips, tricks, and slang in other languages
- A campaign to popularise traditional Chinese music amongst young people
- A framework for young people to increase their open-mindedness to change
- Recreating old community photographs to demonstrate a town's evolution
- A policy proposal for the 'right to repair' electronic devices
- The design of a sustainable ("bio-philic") new city
- A campaign aimed at UK teenagers against the use of e-cigarettes
- An awareness campaign to improve literacy rates in Africa post COVID-19
- Possible ways to harness electricity from lightning for sustainable energy
- A social community club for disabled young people in Philadelphia, USA

And many more!



PROGRAMME BENEFITS

BUILDING STRONG FOUNDATIONS
FOR SECONDARY SCHOOL SUCCESS



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"The support he received was phenomenal. The contents of the programme were wonderful. It's giving him the confidence to say, 'well, actually, if I think there's an idea for change or to innovate something, I have the courage to do something with that."

Sonya (parent)

INDIVIDUAL CHANGE PROJECT

The Change Project offers students a chance to delve deep into a problem of their choice, allowing them to apply their learned skills to real-world issues. Through these projects, students not only contribute positively but also refine their problem-solving and project management skills.

EXPANDING KNOWLEDGE

The programme deepens students' knowledge and broadens their understanding across various disciplines. It cultivates an insatiable curiosity, encouraging learners to explore beyond their usual academic boundaries, thereby enabling them to gain an expansive grasp of diverse topics and concepts.

SKILLS FOR SECONDARY SCHOOL

CATALYST Foundations lays a solid groundwork for successful transition to secondary school. By fostering problem-solving, negotiation, and numerical acumen, the programme equips students with the confidence and capabilities to navigate future educational challenges with ease.

INTERNATIONAL COHORT

The programme's global cohort fosters respect for varied viewpoints and experiences, equipping students with the social skills and cultural understanding vital in our interconnected world.

LETTER OF RECOMMENDATION

Where merited, students may receive a letter of recommendation from Winchester College. This esteemed recognition from a renowned institution not only amplifies the students' achievements but also propels them towards future academic and professional opportunities.

ALUMNI COMMUNITY

CATALYST offers students an extended network of like-minded individuals. This vibrant community fosters lifelong connections, providing students with opportunities to learn from, and collaborate with, peers long after their Foundations journey ends.

ASSESSMENT & FEEDBACK

CATALYST TRANSCRIPTS

Once the programme has been successfully completed, students are awarded a personal CATALYST Transcript. This document offers a comprehensive analysis of their proficiency in six critical skills, alongside personalised feedback on their individual Change Projects. The CATALYST Transcript distills insights and evaluations from the programme educators and mentors, neatly encapsulating the student's progress.

The transcript presents scores under three main categories, each designed to offer students a clear picture of their performance:

AREAS FOR GROWTH: Facets requiring further improvement.

EMERGING STRENGTHS: Abilities that are beginning to shine through.

ESTABLISHED COMPETENCIES: Skills that are already well-honed.

THE CATALYST TRANSCRIPT DOESN'T STOP AT PROVIDING FEEDBACK.

CATALYST Transcripts function as a blueprint for ongoing growth, providing insightful recommendations and steering students towards supplemental resources to polish their skills and refine their Change Projects even after the programme concludes.



ONCE A CATALYST, ALWAYS A GAME-CHANGER.

The CATALYST alumni community represents far more than the culmination of the Foundations programme. Rather, it signifies a new chapter in a student's educational journey, filled with continual growth and enrichment. This is a testament to the belief that learning is a never-ending process, extending beyond the classroom and well into life's numerous pathways.

EXCLUSIVE EVENTS

Membership in the CATALYST alumni community comes with the privilege of attending exclusive events. These could range from networking gatherings and guest speaker sessions, to unique workshops and celebrations.

FURTHER DEVELOPMENT

Life at CATALYST is always about moving forward and expanding horizons. As alumni, the door to further knowledge and skills development remains wide open. From captivating workshops to enlightening courses that cater to a myriad of interests, every path is an invitation to explore, learn, and grow. We are here to nurture your child's talents and passions and help them bloom to their fullest potential.

PRIORITY ACCESS

Alumni are the first to know about our upcoming programmes, enjoying the privilege of guaranteed admission and the opportunity to continue their learning journey with us.

A GLOBAL NETWORK

At the heart of the CATALYST alumni community is the development and nurturing of a global network. This international connection of bright, motivated peers allows our alumni to learn from one another, share experiences, and grow together.

This network goes beyond borders, encouraging cultural exchange and broadening perspectives, preparing the students for an increasingly interconnected world.



THE YARD

A VIRTUAL CAMPUS FOR CURIOUS MINDS

The Yard is our virtual campus, where teaching and learning goes beyond message boards or one-sided lectures. Students can talk to each other, collaborate on projects, and learn in real-time.

Using their keyboards, students and educators can move freely around the space (or even use go-karts for trips across campus), with custom avatars that connect to each other's microphones and webcams upon close proximity.

We couldn't be further from Zoom school.





The technology, the interaction, being part of a global team, there were so many benefits of CATALYST that it's just been a wonderful enhancing experience for him."

Sonya (parent)

WHERE YOU LIVE SHOULDN'T CONSTRAIN YOU

The physical world should not dictate which educational opportunities students can access, nor the networks they can build.

By leveraging cuttingedge technology, we can bring together global cohorts of students like never before.

Because education should be limitless.

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The strength and beauty of CATALYST lie in its digital establishment, allowing us to tap into a wealth of knowledge, practices, and people. The programme provides a unique opportunity to understand change and explore its drivers, all at your fingertips, just one click away."

JUSTIN PINNELS
(CATALYST ACADEMIC DIRECTOR &
HEAD OF LANGUAGES, WINCHESTER COLLEGE)

CATALYST IN ACTION



ADMISSIONS FREQUENTLY ASKED QUESTIONS

FAQS

HOW TO APPLY

Each step of our admissions process is about getting to know applicants better. As students embark on this journey, it's important for them to take a deep breath, relax, and just be themselves. This is their moment to shine, to showcase their talents, and to communicate all about the things that drive and inspire them.

1. APPLY ONLINE VIA THIS LINK

The <u>CATALYST online application</u> is simple and intuitive. Applicants supply basic information and share their aspirations and how they believe CATALYST can support their goals. Every detail assists in understanding the applicant's passion for learning.

2. ATTEND A VIDEO INTERVIEW

After application review, applicants are invited to a video interview. This relaxed conversation helps understand the candidate better and confirm alignment with CATALYST's educational objectives. It's also a chance for applicants to ask about the programme. Authenticity is encouraged in these interactions.

3. SUBMIT ANY REQUIRED PAYMENT

The final application step is submitting any requested payment through a secure online system. Once processed, applicants officially become part of the CATALYST community.

FEES & FUNDING

We offer means-based financial assistance. This aid is available upon successful application, helping to ensure that all students, regardless of their financial situation, have the opportunity to benefit from CATALYST.

UPCOMING DATES

Dates: 23 - 27 October

Duration: 5 days

Location: Online

Fees: £1,750

ELIGIBILITY

Students must be between 10-13 years of age when the programme commences.

It is important to note that students will require access to a computer or laptop. Please note that mobile phones and tablets do not provide the optimal experience interactive elements of the programmes. A reliable internet connection is also a necessity to ensure smooth and uninterrupted participation.

IS THERE A LANGUAGE REQUIREMENT?

CATALYST programmes are taught in English. All students must therefore be native or fluent English speakers.

CAN I APPLY ON BEHALF OF MY CHILD?

Whilst parents can certainly assist with the initial application process, your child will need to personally attend the video interview as an integral part of their application to CATALYST.

WHAT ARE YOU LOOKING FOR IN APPLICANTS?

Applications to CATALYST are assessed on a holistic basis, taking into consideration the student's overall profile, which includes information provided in their application form as well as their performance in the interview. We're looking for evidence of a student's enthusiasm, their intellectual curiosity, and potential to contribute and thrive in the programme.

WHEN WILL I FIND OUT IF I HAVE BEEN ACCEPTED?

We strive to respond to all submitted online applications within seven working days. If your application is successful at this stage, we will then arrange a short online interview. This interview is a key part of the selection process and allows us to get to know applicants better.

Following this interview, we will inform you of our decision — whether you have been accepted into CATALYST or placed on a waitlist — within seven working days of the interview date.