

NEXUS

THE NEXUS CAMPUS

The Nexus campus is home to CSIA's Gifted Programme which offers students who are especially able a chance to thrive and shine in their chosen fields of study. The Nexus Gifted Programme offers a bespoke curriculum designed to engage and challenge gifted learners. Alongside this specially designed curriculum, students experience a rich co-curricular programme that complements the curriculum and deepens and develops the scholarship of these students.

The Gifted Programme at Nexus is selective and applications are only open to students who have a place at CSIA. Students can apply to join the programme once their places are confirmed in Year 6, but can also apply when they are in Years 7 - 9. Students from the Gifted Programme typically progress to CSMS (Cornwall School of Maths and Science) or CSLA (Cornwall School of Liberal Arts) for their VI form studies.

Students in the Nexus Gifted Programme are members of CSIA and spend some time having lessons on the main campus. The majority of their time, however, is spent on the Nexus campus. Most days students will remain at Nexus for an extended day to take part in the co-curricular programme at Nexus. However, there are also opportunities to join the main campus after school programme on certain days.

INTERNATIONAL OPPORTUNITIES

We offer unique international opportunities for students who are part of the Gifted Programme. These visits take the form of academic exchanges, international competitions, conferences and youth forums. We are committed to helping our students take their place on the global stage.



THE CURRICULUM

The Gifted Programme at Nexus is unique in the UK. Best practice in educating the most able comes together with specialist teachers to provide a learning experience that gets the very best out of gifted learners. The curriculum is engaging and challenging which ensures that learners make excellent progress in their lessons, while developing independence and critical thinking.

Much of the repetition is removed from the curriculum, which makes space for the students to explore the application of the concepts they are studying and to experience how these subjects are applied in the world of work, academia and industry.

NEXUS STEM

STEM stands for Science, Technology, Engineering and Maths and these subjects together are vitally important for preparing young people for a future where strong analytical, mathematical and scientific skills are needed to be able to engage in society. Issues such as global warming, space travel and even self-driving cars are hugely important today and we want our students to be confident, informed and capable to take an active role in the global conversations about them.

Students at Nexus experience challenging lessons that encourage them to think deeply and grapple with fundamental concepts of the natural world as they develop as scientists, mathematicians and engineers. Students at Nexus are inspired through the amazing STEM offer in the co-curricular programme, with opportunities for independent research, 3D printing, engineering and computer programming, among many others.



NEXUS LIBERAL ARTS

The term 'liberal arts' has been used for centuries. With its roots in classical antiquity, it was considered to be fundamental in shaping the individual for their place within society. The Nexus Liberal Arts encompasses English, Modern Foreign Languages and Humanities.

Students learn in a highly academic environment that provides an intellectual grounding, privileges critical thinking and celebrates creative expression. Our ambition is that all our students will become highly literate and effective communicators who have a rich breadth of knowledge.

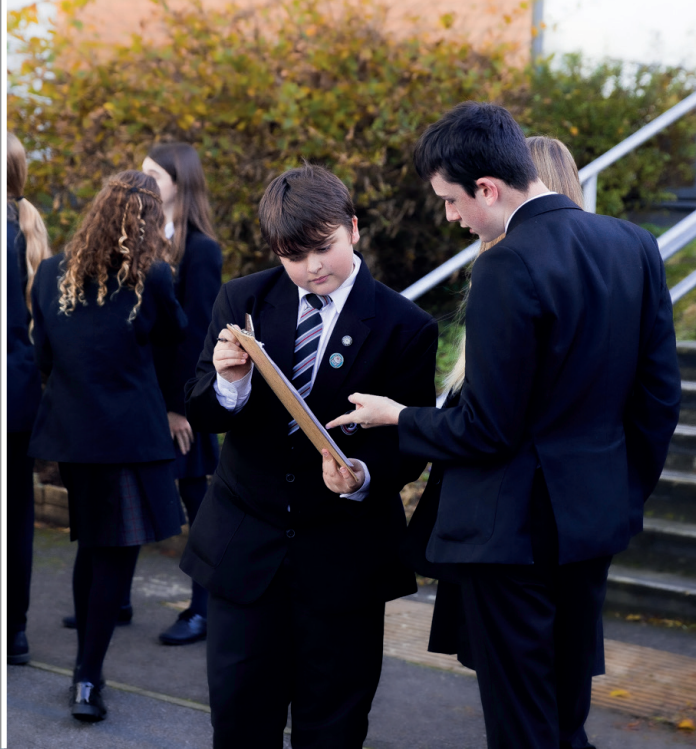
We are passionate about inspiring the next generation of lawyers, politicians, academics, researchers and journalists of the future. Our rigorous and challenging lessons sit alongside a rich co-curricular programme that enable students to flourish - both in pursuing specialised fields of interest and broadening their understanding of the world and some of its most complex issues.

RESEARCH

Research is a fundamental part of the ethos at Nexus. Finding and using information successfully are complex skills requiring diverse sub-skills; the Nexus research programme helps develop these in STEM and Nexus Liberal Arts contexts.

Enquiries Projects offer students a rare opportunity to investigate a research question or topic giving them a chance to excel in an area of study that they select and develop as well as an additional qualification. Students are encouraged to share their projects with their colleagues at Nexus, at national meetings and competitions, and at science fairs all over the world, through our amazing international opportunities.

Whether it is undertaking experimental scientific research or writing a dissertation-style academic paper, the skills gained through research are highly sought-after by the world's top universities and are invaluable for academic success.



CORNWALL SCHOOL OF MATHEMATICS AND SCIENCE (CSMS)

For Nexus students who are considering going into STEM related fields, CSMS is the natural progression to A Level study. CSMS is based at the Nexus campus and provides an outstanding A Level provision in Maths and Science. We achieve outstanding results, with over 75% A-A* grades and progress measures putting us in the top 10% nationally.

The CSMS programme provides students with the very best opportunities, tailored to help secure a place on the best courses at the best higher education institutions in the world. The outstanding international programme gives students the chance to compete against the best students from around the world at science fairs and maths challenges.

Students choose which pathway to follow at CSMS, choosing from the STEM, Medical, Veterinary or Oxbridge Pathways. Each pathway has unique opportunities and experiences with a focus on providing academic challenge.

CORNWALL SCHOOL OF LIBERAL ARTS (CSLA)

From September 2023, and following the success of CSMS, we are launching the new Cornwall School of Liberal Arts (CSLA), our specialist provision for students who are very able and interested in pursuing Liberal Arts subjects at A level and university.

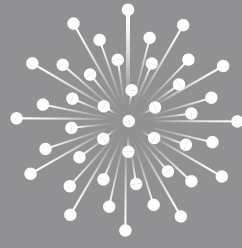
Students who join CSLA will opt to study a minimum of two A-Levels of either English Literature, History, Religion Philosophy and Ethics, Politics, Geography, MFL or Psychology alongside the Extended Project Qualification. Students joining CSLA will benefit from excellent teaching by subject experts, opportunities for international travel and would follow the Liberal Arts Pathway as well as the optional Oxbridge Pathway.



THE CO-CURRICULAR PROGRAMME

Challenging lessons delivering a traditional, academic curriculum are only the beginning of how we educate gifted students at Nexus. The co-curricular programme aims to light the fuse of enquiring young minds: to encourage curiosity, to push our students beyond their comfort zones and to encourage our gifted young students to embrace learning beyond the curriculum.

We aim to provide each student with a breadth of experiences and opportunities that will support our students in the future as they take their places in society and on the global stage. Students will be inspired to take their ambitions and turn them into reality.



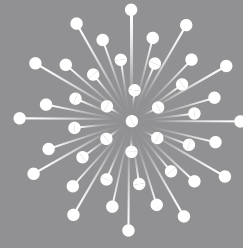
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APPLYING TO JOIN THE GIFTED PROGRAMME

The Gifted Programme is only available to students of CSIA. Once a member of CSIA, access to the Gifted Programme is through aptitude testing and interview. The majority of students who wish to apply will participate in the aptitude testing that is held every year in March once the student's place at CSIA has been confirmed.

To find out more, or to come for a visit, contact us at nexusreception@cambornescience.co.uk

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