



nuast

**Nottingham University
Academy of Science
and Technology**

Post 16

Newsletter

June 2017

Welcome to NUAST



Welcome and thank you for applying to Nottingham University Academy of Science and Technology.

The aim of this newsletter is to keep you in touch with all the exciting things that are happening as we continue to build NUAST into one of the most outstanding Post 16 providers in the East Midlands.

As only the fourth year group to join us, you will play a massive part in cementing the professional, high achieving and academic culture that we have built and be an example to the whole of Nottinghamshire of how incredible young adults can be.

Please enjoy reading our newsletter. We look forward to meeting you on our induction day and working to help you achieve your ambitions from September.

Achievement

The first ever cohort of NUAST A level students in 2015–16 did exceptionally well.

An impressive 50% of all grades gained by Pupils at A level were A*–A and 84% of grades were at A*–B standard. In A Level Mathematics alone 40% of grades were at A* standard and almost two thirds of Science grades were at A*–B.



In our technical courses almost half of all grades were at DDD level or above—the equivalent of three A grades or above.

We are incredibly proud of our first group of students, who did exceptionally well and really made use of the expert teaching and high level facilities we have to offer.

The result is that our average A level points score was an incredible 35 and our average grade was B. This puts NUASt as the highest achieving state school in the whole of Nottinghamshire, with only the private schools beating us.



Destinations

Following from the brilliant success of our 2015–16 students in achieving high level university places at Universities such as St Andrews, Manchester, Leeds and Nottingham, our current group of Year 13 students are set to do even better.

This year we have 58 students who have applied and received offers from Universities around the country. That is 80% of our students who have places at University waiting for them!

68% of our students applied to Russell Group Universities with nearly all (63%) receiving offers from these top level institutions.



Most pleasing from our point of view is that our connection with the University of Nottingham is thriving. Every student who has applied to UoN has received an offer, with 14 (nearly 25%) making Nottingham their first choice.

Best of all, every single one of our students applied for a directly STEM related course, with choices including Mechanical Engineering, Biomedical science, Applied Computing and Astro-physics.

We are especially proud of our students looking to enter the medical profession. One NUASt has successfully won a conditional place to study Medicine at Sheffield University, having received four offers. Another student is set to study Nursing, while two are entering the Veterinary sciences, another two are set to study Pharmacy and one student has been offered a place to study Optometry.

Apprenticeships



We are equally delighted with the fourteen students who have chosen to take a work-based route to Higher Education.

In 2015–16 our students won excellent Apprenticeships at high profile organisations such as Arup and the Royal Navy.

Our students this year have done even better.

Jack Hall (left) was recently featured in the Nottingham Post having beaten competition of 33,000 people to win one of 10 Rolls Royce Apprenticeships. Jack managed to navigate a grueling multi-stage interview process, coming down to a final interview of 100, in which he was joined by another of our students.

Jack told the Post “I am over the moon that I have managed to secure a place on their higher apprenticeship, I don’t think it’s hit me yet though. I never expected to get through when there were over 33,000 applicants. I still can’t believe it.”

Other students at NUASt have won excellent apprenticeships at major firms such as Nestle while many more are still aiming high and attending interviews with prestigious national and local companies

University Links



The University of
Nottingham

UNITED KINGDOM • CHINA • MALAYSIA

Our links with The University of Nottingham are one of the things that make NUASt really special and these links have been building this year.

Scientists routinely visit the University of Nottingham for labs and extra-curricular experiences, making use of the high level facilities there to learn firsthand about things that most schools can only teach from textbooks.

These links have extended this year, with Maths, Physics, Chemistry and Biology undergraduates working weekly with our students, Medical student mentoring NUASt students through the Medicine application process and history students having revision seminars with university professors.

We currently have students benefitting from the excellent Ambition Nottingham scheme, which provides local students with a bursary if they choose Nottingham university and many of our students benefit from using the University libraries.

One example of these links was in October, when NUASt engineers joined the University at the Houses of Parliament for Nottingham in Parliament Day. NUASt students were there demonstrating 3D printing technology and presented Lillian Greenwood MP with a 3D printed miniature of her head.



VEX Robotics



In March, students from the Sixth Form qualified for the National VEX Robotics Competition after successfully defeating many other local schools in a regional event.

The competition involves students from around the world who are required to design and build their own autonomous and remote-controlled robot to compete against one another.

This year the challenge was to collect star-shaped objects and throw them in to the opposing teams half of an arena in a set time period.

The event was attended by 40 teams from across the UK and thousands of members of the public as part of the annual Big Bang Fair at the NEC in Birmingham. The winners then progressed to the International Finals in Kentucky, USA.

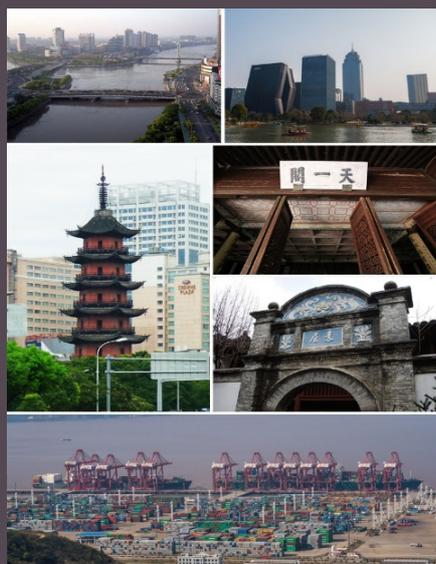
China



In Autumn 2016, NUASt became linked with a 'sister school', Ningbo Xingning Middle School, in China. It is hoped that this relationship will strengthen as time goes on and that students from both schools will be able to benefit from the shared experience of each culture.

This September, we will be sending a group of our Year 12 students to visit the school for the first time where they will experience the Chinese way of life and culture, a variety of lessons and also get to visit Shanghai and The University of Nottingham, who have a campus nearby. In return, the students from Ningbo will be visiting NUASt during the week of 10th–14th July 2017 so that they can have a similar experience of British life, culture and education.

This is a once-in-a-lifetime experience for our students and we hope to send many more in future academic years.



Induction Day



In July, our prospective Year 12 students for September will come to NUASt for our annual induction day.

This is a great opportunity for students to meet their peers and teachers, sample lessons and visit The University of Nottingham.

During the day the group will visit the University to explore the medical and engineering libraries and will attend a lecture on the topic of Careers in STEM. We hope that this visit will inspire students to consider their future careers and next academic steps.

Additionally, students will have sample lessons in their chosen subject areas where they can meet staff and get a taste of what their course has to offer.

**Tomorrow's Scientists
and Engineers**

MADE IN NUASt

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