

STEM Programme

Science • Technology • Engineering • Maths



Nucleus STEM Programme Information Evenings

Aspirational Learning for More Able Students

Northampton Academy is home to Nucleus STEM Programme, a unique opportunity which provides students who have a natural aptitude for learning and a keen interest in STEM subjects (Science, Mathematics and Computer Science) to study these subjects in much greater depth and at a more accelerated pace.

We will be running two information evenings during February and March 2020 to explain the application and testing process. These evenings will take place on Tuesday 11th February and Tuesday 3rd March 2020 from 6pm-7pm.

You are invited to come along and find out about the application process and how this opportunity could benefit your child if they gain a place at Northampton Academy.

Further information can be found overleaf and on our website, www.nucleus-stem.org



School of
CHARACTER

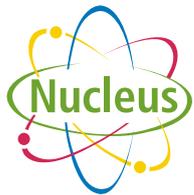
**Tuesday 11th February
6pm - 7pm**

**Tuesday 3rd March
6pm - 7pm**



Northampton Academy
The best in everyone™
Part of United Learning

Respect • Determination • Ambition



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Frequently Asked Questions

What is STEM?

STEM stands for Science, Technology, Engineering and Mathematics. The accelerated STEM curriculum focuses on the skills required to be at the top of these fields.

How is it different?

The Nucleus STEM Programme is designed to give students time to develop STEM skills with unique opportunities to explore their interests and conduct research into specific areas of interest relating to STEM topics. In addition to the requirements of the National Curriculum, Nucleus students are given advanced teaching in aspects of the Sciences, Mathematics, Computer Science (including software programming and coding) and research skills.

What support is there?

We have forged links with universities, organisations and businesses to support the Nucleus STEM Programme. Students are given the opportunity to receive lectures from academics and work with universities.

Nucleus students have the opportunity to attend a range of trips and visits with a focus on Science and Technology.

What will be expected of my child?

As part of the Nucleus STEM Programme your child will be expected to engage in a more diverse, independent and research-based style of learning. They will need to have a keen interest in Science, Technology, Mathematics and Computing. Students will also be expected to take part in a co-curricular programme at the end of the day to further their skills and opportunities in later life.

Is this for everyone?

The Nucleus STEM Programme is designed to stretch the most able in STEM subjects therefore not suitable for everyone, however any students who have a Key Stage 3 place at Northampton Academy are welcome to apply. Successful applicants must have an academic aptitude towards STEM subjects and demonstrate a keen interest in Science, Maths or Computing.

How will my child get a place in the programme?

Only students who have a place at Northampton Academy can apply. They will be required to take an aptitude test and complete an interview to demonstrate their passion and understanding of STEM subjects.

What happens if my child does not get accepted into the STEM programme?

If your child is unsuccessful in the Nucleus application they will still have their place at our excellent Academy. High ability students will still be stretched and challenged in lessons and will be given fantastic learning opportunities as part of our varied and challenging curriculum.

How do I find out more?

Full details of Nucleus are on www.nucleus-stem.org or you can ask questions via email at nucleus@northampton-academy.org



Northampton Academy

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