

13th January 2017

Dear Parents

MIT - Nord Anglia STEAM Festival

Science, Technology, Engineering, Art and Mathematics

We are delighted to announce that as part of Nord Anglia's partnership with the Massachusetts Institute of Technology (MIT), 104 students from 26 schools across the world have the opportunity to travel to MIT in Cambridge, Massachusetts, USA, to participate in the MIT – Nord Anglia STEAM Festival. The Festival is a week-long programme which provides unique learning opportunities specifically for our students at one of the world's leading educational institutions.

Dates

Students will arrive in Cambridge, Massachusetts, USA, on Sunday 30th April 2017 and depart on Saturday 6th May 2017 after a full week of workshops and activities hosted by MIT.

Activities


Students will have the opportunity to collaborate with their peers from all over the world and participate in exciting workshops and activities delivered by leading MIT academics, as well as visiting the campuses of two of the best universities in the world (MIT and Harvard University). The activities have been co-created by NAE and MIT to increase students' understanding of STEAM (science, technology, engineering, art and mathematics), while developing their interdisciplinary learning and practical problem-solving skills.

Details of the specific activities planned for the week are provided in the annex to this letter, as well as within a promotional flyer for the trip which will be available shortly. There have been some inquiries about parents planning a coinciding visit but there is not an opportunity during the week's activities for this to happen.

Cost

The total cost of the trip, including flights, is 950 000 HUF. This payment will need to be made in full by 17th February 2017.

All meals, accommodation and transport costs incurred during the trip are included within this price. The hotel hosting the Nord Anglia trip is the Hyatt Regency Cambridge, which is situated next to the iconic River Charles.



Students will share a room with one other student from BISB of the same gender. The hotel is a short walk from MIT as students will walk between venues over the course of the trip, rather than being transported by vehicles.

Fully comprehensive travel insurance is also covered within the cost – more details of this will be available once students have been accepted onto the trip. You will not need to purchase additional travel insurance.

Application Process

Due to the anticipated huge popularity of the trip and limited total number of students able to participate, each school can only send a maximum of 4 students age 10-12. Students in Year 8 who turn 13 this academic year are also eligible to apply.

To apply for a place, students should write a letter of up to 500 words explaining why they would like to attend the STEAM Festival at MIT this year. This letter should be endorsed with a parent's signature to indicate their support of the application. A paper copy of the letter should be handed to the school's Reception or directly to Mr Payn by 4pm on Monday 23rd January 2017.

Kind regards

Mr James Payn
Year 4 Class Teacher and STEAM coordinator

MIT – Nord Anglia STEAM Festival Example Activities

Interactive MIT tour

MIT have developed their very own app for you and your fellow Nord Anglia students to navigate your way around campus looking out for all the key landmarks and learning what it's like to be an MIT student!

Synthetic Biology with BioBuilder

Learn all about synthetic biology and how it can be used to program living cells to tackle today's challenges. Biofuels, safer foods, anti-malarial drugs, less toxic cancer treatment, biodegradable adhesives are all goals of this field, and at this session, you will have the chance to jump into the yourself!

Science Trivia Challenge

This lively team trivia quiz will test your knowledge of science from a variety of fields ranging from biology, chemistry, and physics to ecology and the history of science. Which school will be the overall winner?!

App-building and programming workshops

Bring your app-building and programming skills to see how creative and innovative you can be in developing your very own app with guidance and tutelage from MIT experts!

Humanity Needs Dreamers: A visit with Marie Curie

Enjoy a captivating evening of narrative science & living history with the performance of *Humanity Needs Dreamers: A Visit With Marie Curie* followed by an interactive Q & A session with Marie Curie in person – portrayed by scholar & playwright Susan Marie Frontczak.

MMMaven music workshop

Try your hand at manipulating music live with the industry standard production software, Ableton Live. You will also have an opportunity to create your own performance with hands-on Akai hardware. Get a feel for what it's like to be the DJ!

Harvard University Tour

Take a tour of Harvard University to learn about the campus and what being a student there is really like. It may just be the first trip of many if you choose to study here one day!

Science of Sport

Learn how Maths and Science combine to create some of the most classic American sports. Test your physics problem-solving skills whilst also engaging in friendly sporting competition with your fellow students from all over the world.

Team-building adventure quests at Bodaborg

You will be transported into a real-world gaming environment to tackle a variety of mental and physical tests as a team. No video games, no virtual reality... just you and your team working together to succeed in the world of questing!

Build Project

You will have a week to work on a building project, which will be unveiled on the first day. Teams will compete to build the best invention to meet the specification and trial what they've created against one another on the last day. Who will win first prize?

Nautical themed engineering workshop

Design, build and test mechanisms for ship propulsion in this introduction to nature-inspired engineering at MIT.

School Dance

Our British International School Boston is hosting a classic American school dance on the last night of the trip and we're all invited to join in the fun!