



A Thrilling Day at the Silverstone F1 Museum

A group of enthusiastic students from Northgate High School embarked on an unforgettable adventure to the Silverstone F1 Museum. An exhilarating trip was organised as part of the Scalextric 4 Schools event, where students showcased their self-built 3D-printed Scalextric cars that they have been working on for the past year. Thanks to the generous funding from our PTA, our students had the opportunity to explore the iconic Silverstone Circuit and immerse themselves in the world





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of motorsports.

We visited the Silverstone F1 Museum, a haven for racing enthusiasts, where visitors can experience the thrill of Formula One racing through a variety of interactive exhibits. From pro-grade simulators to iconic cars, the museum offers an adrenaline-packed journey into the heart of motorsport.

Months of hard work and dedication culminated in our students' self-built Scalextric cars. Armed with creativity, engineering and a touch of competitive spirit, they designed and 3D-printed their miniature racing machines. Each car was a testament to their teamwork and ingenuity.

But that's not all! Some of our talented students caught the attention of a local TV crew covering the event. Their passion for racing and their impressive 3D-printed cars landed them a spot on the evening news. Viewers across the region watched as our young racers shared their experiences and demonstrated their miniature masterpieces. It was a proud moment for our school and a reflection of the impact of hands-on learning.



Our students returned from the Silverstone F1 Museum with memories etched in their minds.



An exciting term in Learning Support

Earlier in the year, the year 7 foundation learning groups had the opportunity to go to Jimmy's Farm & Wildlife Park to see the new polar bears and take part in a game keepers' workshop. The students were able to hold snakes and tortoises and had a tour of the farm where they learnt lots about the animals as they went around.

In the weeks that followed, the group created their own Jimmy's Farm & Wildlife Park leaflets and fact files about the animals that they loved. We have posted some of these leaflets back to the farm for them to see. We are waiting to hear back as we speak! Watch this space...

We also took a small group of students to a local company who created a Lego Education workshop for them. It was a huge success with all the students. It was brilliant to see our students so focused and involved in the activities. From the feedback we received about how much our students love the experience, Mrs Baalham managed to work with a local charity and secure some funding for our own Lego education kits.

We have now been very fortunate to have been gifted the money to purchase six Lego Education kits from a local charity – St Luke's Lodge and St Luke's Royal Arch. We invited members of the charity to see their kind donation in action in our learning support department.



We are beyond grateful for the kits. They have already had a positive impact on our students, and we cannot wait to continue to build in more STEM learning opportunities for our SEN students.

The charity members Mr Trevor Tinley, Mr John Staff and Mr David Broughton said "We are blown away with the positive impact these Lego kits have had on the students. It was brilliant to see them so focused and interested in what they were doing. We were also really impressed at the STEM opportunities these kits provide and are so pleased to see them in action during our visit. Thank you to everyone at Northgate and

the Learning Support department for inviting us in, we are very impressed with our visit and are thrilled our donation has been so well received."

We also have some more exciting news! We have secured some new laptops for the department from the Little Lives Charity after placing a successful proposal with the charity. These will be an invaluable asset to the department and will be the perfect addition alongside our Lego kits.

Thank you to everyone around the school who has helped Mrs Baalham make all these things possible!



A Level students exhibit some exciting responses

Congratulations must go to this year's Art & Photography A Level students who have sustained and built upon the high standards set by previous years. Students exhibited some exciting responses in a wide range of media from oil painting to printing, photography to installation. Students responded very creatively to their self-directed themes this year,

reflecting on and developing their own practice in innovative and skillful ways. Family and friends were invited to the Open Exhibition in June which celebrated the culmination of two year's work. The well-attended event was a huge success and a fantastic finale to showcase the year 13's talent. Well done to all!





Focused time to read for a good cause

At the beginning of the month, Northgate High School hosted its annual Century Read. The event is a charity fundraiser where children from years 7, 8 and 9 read in the library throughout the entire day to raise money for different causes.

This year, we wanted to focus on supporting charities of personal significance to our students. The charities we decided on were the Al Tazid Foundation and Great Ormond's Street Hospital. The Al Tazid Foundation is a charity that supports communities in North-east Bangladesh by providing key cataract eye surgeries as well as by building wells and providing clean water for families. Great Ormond Street Hospital is an international centre of healthcare which provide surgeries and conduct research into children's health problems.

The event saw 100 students taking part and reading in the library. Lots of students brought their own pillows and blankets to create reading dens. Many had planned ahead, creating stacks of books for a reading pile and worked their way through them during the day. The atmosphere in the library was peaceful and focused, with the participating



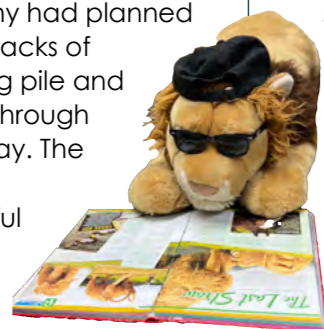
students working hard to raise money they had gained from sponsors at home. Upon reflection, students found the event 'therapeutic and immersive' and were glad to 'have focused time to read for a good cause'.

In total, due to students' efforts, Northgate was able to raise over £1,000 for the two charities, with additional funds

still being collected and counted.

The Century Read event is one of many activities taking place in the library alongside some of the changes coming into the space. Staff are currently in the process of re-imagining the library with a focus on modernisation to keep up to date with the changing needs and requirements of our students.

One of the biggest changes due to come is the creation of a 'Study Centre' within the library. This space will contain more areas for students to study as well as new computers and desks. It will provide students with a quiet place to work within school. On top of this, library staff will be utilising the new layout by moving books and displays around, giving the library a fresh look for the new school year.



A hugely insightful experience

Careers work with students in year 10 focuses on the changing world of work and the employability skills that are important for young people to develop. The best way for students to learn about this, is to experience the workplace for themselves. From 10th-14th June 2024, all students in year 10 had the fantastic opportunity to gain work experience with a range of local and national employers. We aim to give our students an insight into the working environment that many of them will experience as they move on from compulsory education. We rely heavily on the goodwill of many companies who willingly support our students with a week-long work experience placement. For some students this placement has led to other opportunities, such as part-time work or offers of apprenticeships.

Students have enjoyed experiencing the workplace in a variety of different sectors, ranging from insurance to construction; from healthcare to transport and logistics; from education to engineering and from sport to animal care. Student feedback has shown how valuable our students have found the opportunity to complete a work experience



placement. Students have commented that they found the experience hugely insightful, and that it has helped them with decisions over future courses and careers. A number of students have recognised that the time they have spent in the workplace has increased their levels of confidence and allowed them to develop a range of other skills which will be of benefit to them in the future.

We are very grateful to the employers who have supported our Year 10 work experience week. They too have been full of praise for our students' amazing attitude towards work, how well they carried out tasks and how polite and professional students were in their

approach to the world of work. Several employers considered that any employer would be lucky to have our students work for them, which is high praise indeed!

Well done Year 10; I know that given the opportunity many of you would love to go back to your employers to spend some more time in the workplace. Some of you have already planned further work experience over the summer holidays or been offered an apprenticeship when you leave school, which is a credit to you. We look forward to continuing to build on our school work experience programme at Northgate and working with local organisations to provide such a worthwhile experience for our students.



Northgate's British Sign Language Week

Last term, students took part in some activities for BSL week, raising awareness for hearing impairment. As organised by Mr Alexander, each day during registration, students across all year groups learnt a new set of signs. They learnt greetings and animals, amongst others and enjoyed learning the alphabet and signing their names. During year group assemblies they taught a little about the history and importance of BSL.

Sixth Form students have learnt some BSL previously and are able to use their understanding to teach others and to welcome hearing-impaired visitors into the school.

The awareness attracted some positive media attention and Northgate welcomed a BBC journalist to meet with the students. He worked with them by recording some of their signing and interviewing them about what they have learnt and their attitudes towards it. The piece was



then broadcast on the BBC News Breakfast show.

BSL week tied together a line of hearing-impaired awareness

projects that have been undertaken at Northgate over this school year and will continue into the years to follow.



Maths Feast Event

Well done to eight of our year 10 students who represented Northgate at the recent Maths Feast Event held at Ipswich Academy.

Working in teams of four, the students enjoyed a range

of problem-solving challenges and competed superbly against teams from seven other Suffolk schools. It was great to see our students enjoying the challenge and working so well together.

Dates for your diary

Friday 19th July 2024 End of Term

Thursday 15th August 2024 A Level Results Day

Thursday 22nd August 2024 GCSE Results Day

Wednesday 4th September 2024 Autumn Term Starts – Years 7 & 12

Thursday 5th September 2024 Autumn Term Starts – Years 8, 9, 10, 11 & 13