

The Williams F1 Racing Trip Review

On Tuesday 2nd July a small group of us attended The Williams F1 Racing Enrichment Day in Oxfordshire, an experience to show students how engineering, technology and science can come together in the world of Motorsport. When we arrived at the F1 Centre we were warmly welcomed by the racing staff who escorted us to a lounge to be handed a bag of souvenirs and a wealth of refreshments on the side. The hospitality was amazing. Then began the activities.



First up was a racing simulator. This was essentially a video game but designed to be as realistic as possible without being on the actual track. The experience and realism was enhanced by the fact that we were sat inside a replica of a real F1 cockpit seat with the steering wheel tugging and twisting with the feedback. We played three matches of the F1 racing game in our individual cockpits against each other. This showed us what risks and skills are needed to drive in these high stake races, always pushing the cars to the absolute limits to gain fractions of seconds.



Then we were shown the museum where the past cars were displayed. It was fascinating to see how the cars evolved over time and how rules had to be adapted when innovation sometimes went too far, such as the six wheeled special. The day was finished off with a session of Lego Mindstorm. This programme was a fun way to think and act as an engineer. In teams we were tasked with programming our Lego racing cars to race around a track using in-built light sensors to navigate its way. We then showcased our design and programmes of our vehicle to each other, for a prize for the winners.

Going to the F1 Centre was a great privilege, I would highly recommend the experience to anyone interested in seeing science in action. Kaito - Y8
Ms Lawrence



Year 10 and Year 12 Work Experience Week

The Year 10 and Year 12 students excelled in their recent work experience placements, demonstrating exceptional skills and professionalism. Year 10 students impressed their supervisors with their eagerness to learn and adaptability in various work environments. They effectively applied classroom knowledge to real-world tasks, showing a strong understanding of their respective fields.



Meanwhile, Year 12 students stood out for their advanced competencies and maturity, often taking on more complex responsibilities and contributing innovative ideas to their workplaces. Both year groups received positive feedback, highlighting their dedication, teamwork, and ability to handle challenges effectively. This successful work experience period not only provided valuable insights into potential career paths but also showcased the students' readiness for future professional endeavours. A huge well done to all!

Mr Louca and Mrs Kyriacou



Year 12 Chemistry

On the 7th June, 26 of the Year 12 Chemistry students took part in the Cambridge Chemistry Challenge which involves a 90 minute examination testing the students on content that goes beyond the A' level specification. 6 of the cohort, 5 of which are pictured, achieved either the copper, silver or gold award highlighting their brilliance in applying their Chemistry knowledge. A huge congratulations to all involved. A special mention goes to Hal as for the second year running Ashmole has had a student achieve a gold which placed him in the top 10% of the 13,015 competitors taking part nationally.

Mr Cummings



BMX Racing - London Youth Games

We wanted to share the good news that Theo won the bronze medal representing Barnet in BMX racing at the London Youth games at the Olympic Park last Sunday. He was the only rider representing Barnet so winning a medal was a great boost for the borough!

Ms Cork



Norwich City Signing

We are delighted to announce that one of our Yr11s Zach S has just signed for Norwich City. We are so proud of him and wish him all the best as a Scholar for next season.

Ms Clarke



Year 10 Religious Studies

Last week the year 10 Religious Studies students went on a trip to the London Islamic Cultural Society and Mosque near Turnpike Lane. We were grateful to receive a tour of the Mosque and a talk from the Imam, who explored the key beliefs and practices within Islam with the students. We were also delighted to meet the President of the mosque, Bibi Khan MBE whose children used to attend the Academy so it was great to continue that relationship.



The students were fantastic - impressing our hosts with their knowledge and questions. It was a great experience for them to explore the faith of Islam in a situation such as that, and many of them brought produce for the food bank that the mosque supports with the local church. Well done year 10! Thank you to the staff who supported and attended the trip too!
Mr Sanders

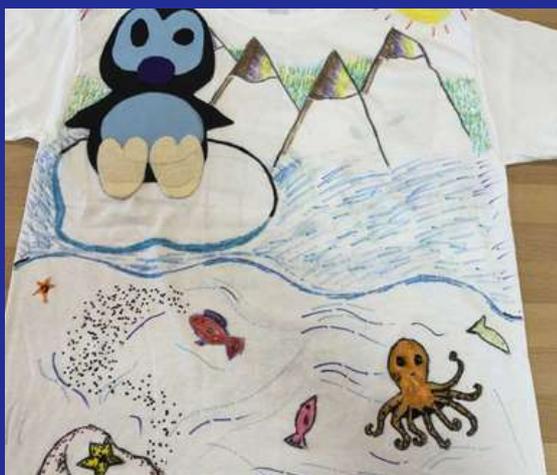


MedSoc

On 1st July, Medsoc hosted Dr Susan Gelding, a consultant in Endocrinology and Diabetes, who visited us and gave us invaluable insight into working in healthcare. She discussed her journey into Medicine, and all of the options available to our aspiring Medsoc pupils. Our students asked questions about working within the Barts Health NHS Trust, and picked her brain as she was the associate dean for undergraduate studies at the hospital. We are so grateful to Dr Gelding for coming to Ashmole to give this talk.



On 2nd July, Medsoc hosted Drs Antony and Harry Zacharias, who came in to run a personal statement workshop for our Medsoc students. They taught us a framework which we will now implement in our drafts, and it was so helpful to our students to know how to reflect on their experiences. We even received some invaluable tips on interview preparation as Harry and Antony conducted some of the Medicine interviews at UCL this year! We are so grateful to both brothers for their ongoing support of our Medsoc students.
Mrs D Shah



Year 7 Outcomes

Students in year 7 have been working extremely hard in textiles and here is an example of one of the outcomes!
Ms Zylyfi



Year 7 Enrichment Task

End of year enrichment task for the year 7's included Mathematics and football. The teams had to complete a maths quiz and took part in a penalty shoot out with a twist. Best of 3 rounds wins. Though it was a keenly contested event, the boys managed to win! Well done to both teams they all showed great sportsmanship! Thank you to Ms Slavova for your support.

Ms T Pereira



Year 12 Biology Field Trip

On Wednesday 3rd July all the Biology A level students alongside Ms Shah, Mr Kozah and Ms Hogsdon went to Rye Meads for the annual Biology Field Trip. We conducted 2 experiments while we were there, the first being a pond dipping experiment.

The pond dipping experiment was particularly interesting as we found a water beetle larvae which they mentioned was uncommon at the site, and though we were told to ignore vertebrates, it was hard to ignore the many baby newts we found.

Our second experiment was finding the percentage cover of buttercups in trampled vs untrampled fields. Though our results were statistically significant, we found that they were opposite to those we had predicted, though it is possible we may have miscounted in the untrampled field due to the large number of thistles in the way.

Lydia and Amelia - Year 12 Biologists



Year 12 Science technicians!

Working in the prep room was a highly rewarding experience that allowed us to transform our theoretical knowledge into practical application. The prep room team were exceptionally accommodating and supportive which we deeply appreciated.

During our time there we prepared microscope slides of cells undergoing mitosis using 3 distinct methods to determine the most effective technique. Discovering cells in mitosis was particularly exciting as we had previously struggled to obtain significant results in class.

Additionally, we assisted in setting up practical demonstrations for year 6 transition day, including 'Rainbow Fizz' and flame test experiments.

Overall, our experience was immensely enjoyable and we extend our gratitude to the prep room team for their hospitality.

Hani, Fatima and Zariah - Year 12





Extra-Curricular Competition Winners

Congratulations to all Year 7 students who entered an Extra-Curricular competition where they needed to research and present on a topic of interest to them, working either in a team or individually. A short list of students were selected to present to Miss Miller, Ms Clarke and Mrs Hammond.



The presentations were fantastic and incredibly varied, topics included Mental Health, An Imaginary World and Is there life outside of Earth? The runners up for the competition were Alex, Elina and Elzem from 7SMK who built a model of a football stadium and presented on the History of Women's football, the overall winner was Akay from 7TOG who delivered an incredible presentation on Space, his depth of knowledge blew the panel away!

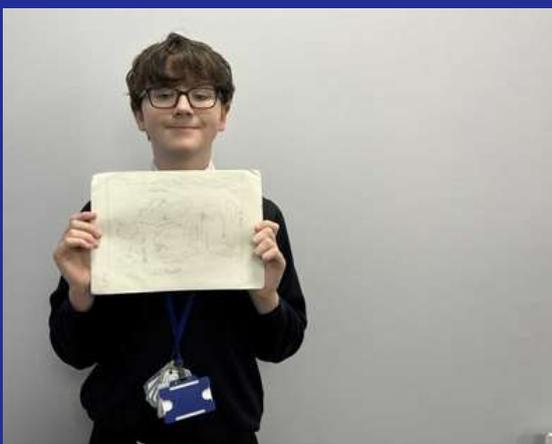
A huge congratulations to all students who entered and took part.
Ms Hammond



Pranay S wins Arkwright scholarship!

The Design and Technology Department, would like to extend its congratulations to Pranay Shah for being awarded the prestigious Arkwright Scholarship.

The Arkwright Scholarship is a highly competitive award that recognises students who demonstrate exceptional aptitude in Design and Engineering. The scholarship is sponsored by the Royal Commission for the Exposition of 1851 and is aimed at supporting young designers who show promise in their field



The judging panel were impressed by Pranay's portfolio, which showcased his outstanding skills in Design, Engineering, and problem-solving. His winning project, which consisted of a CAD adapted RC unit demonstrated his ability to think critically and creatively.

As Pranay looks to the future, he is excited about the possibilities that this scholarship presents. "I'm thrilled to have won the Arkwright Scholarship," he said. "It's an incredible opportunity to take my skills to the next level and pursue my passion for Product Design. I'm grateful for the support of my teachers and family, who have been instrumental in my journey so far."

Mr Mavromati





The Green Committee

The site and green committee have been busy this year. First we planned a project to make the site more attractive and 'green'. We worked on computers selecting plants and planters that could go around the new school buildings and outside the sixth form centre. We selected plants based on their 'green' credentials, for example, whether they were good for bees and/or whether they were drought resistant and so would require less watering. Next, we presented our ideas to Mr Dhinsa, who, thankfully, was on board! Miss Moon kindly went to the garden centre to buy all the plants and planters (although we secretly think she rather enjoyed that) and then it was time for planting. During two planting sessions we lined new and existing planters with compost and then filled each with our new plants and some seeds, thinking carefully about the layout. We are delighted with how the planters have turned out and can't wait to see more of our flowers bloom. We would also like to thank the site staff who have helped moving our planters and have taken up the watering of the plants, as that was a lot of hard work!

Site and Green Committee

12 Intermediate Biology Olympiad

On Wednesday 5 June some of our Year 12 Biology students participated in the Intermediate Biology Olympiad.

Congratulations to the following students who achieved an award, with many other being commended.

Amelie F - Silver (top in school)

Zaynab A - Silver

Bosco L - Bronze

Haris S - Bronze

Charlie A - Bronze

Mital P - Highly Commended

Maisie M - Highly Commended

Amina A - Highly Commended

Sanjay M - Highly Commended

Meryem K - Highly Commended

Student Achievements

A very talented year 8 student loves designing and painting her own characters inspired by her interests! They used watercolours on canvas in this gorgeous painting. We love it!

Congratulations to Toprak and Burak (year 9), they have received a certificate for completing their Touch Type Read and Spell (TTRS) computer course.

Ms White, Curriculum Support





Year 10 Achievements

A huge well done to all of the Year 10 students for this year. They have navigated a lot of new challenges including stepping into their role as KS4 students, managing their time with lots of extra-curriculars and working hard during their assessments. I am so impressed to see how hard the year group worked during this assessment period. I look forward to taking the year into their final year of GCSE's and know that they will give Year 11 their best. Well done Year 10!

Year 10 work experience was a huge success this year. Well done in particular to Ardior who set up a football club for students, Nicole who made puppets in her own time to educate nursery pupils, Joseph who stayed behind to run an after school club when a member of staff went home sick, Daphne who was the shining light of the class at Ashmole primary. In particular a huge well done to Ray who developed a model robot for the UN and the University he worked at! I was so proud to see our students developing their professionalism and showing innovation, kindness and creativity in their job roles. And Wilfred and Gabriel even got to learn how to drive a bus!

Ms Cork

WELL
DONE YEAR 10

Year 10 Urban Investigation

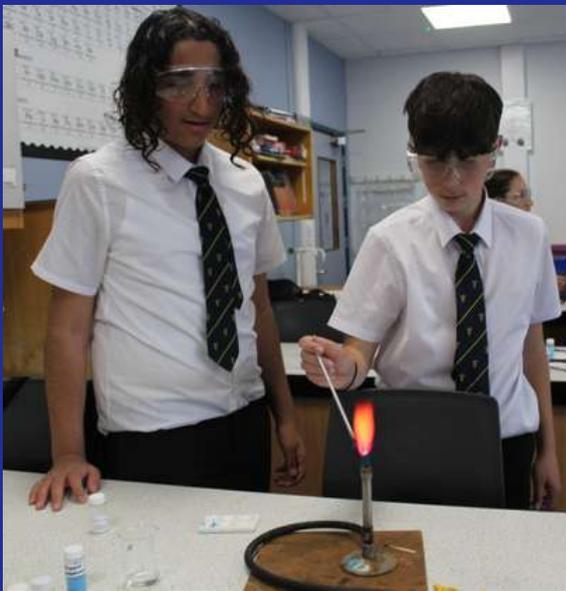
Year 10 Geography students have begun their urban investigation this half term. Students are investigating how and why quality of life varies across London, and are comparing Southgate (found in the outer suburbs) with Caledonian Road (in the inner city). As a part of the course, students have been collecting data in Southgate during their Geography lessons this week. The data collection includes undertaking an Environmental Quality Survey (rating aspects of the environment) and an Epitome Words Survey, whereby they approached members of the public to ask their opinions on Southgate.

We are impressed at how they cooperated and worked as part of a team, and with how professional students were when collecting their data. We are looking forward to comparing data and reaching conclusions about what impacts our quality of life. - Miss Vaughan



Congratulations

Congratulations to Miss Arnaoutis for passing her Digital Marketing Apprenticeship! She is now qualified!



Year 10 flame tests

Applying science skills and knowledge to determine which cation is in a compound by observing the colour emitted by the flame.

Ms Hewson



Year 8 Bridge Building

Working together we made a bridge using cardboard, strings & tape. Tightly rolled up magazine pages created the suspension to stabilise our bridge. We also created a smooth ramp to make sure the car was on all four wheels all the time.

We coloured it in and put a piece of cardboard in the middle to create 2 lanes and stuck paper on the cardboard to show the roads.

When we tested our bridge, it carried the maximum weight (4.2kg). All the groups in our class voted for their favourite bridge based on: structure, design and how it functioned... we received the most votes and won!

Sophia and Farida 8SA



French Trip Experience

On Monday we went to a museum about World War I, it had scenes with mannequins to show the different occurrences in World War I. It had flashing lights and noises so you can experience something similar to what was happening in World War I. We also drew a picture of a church.

Later that evening we went to Amiens for shopping. It was a great experience to talk and communicate in French. It was a very fun and relaxing day. On Tuesday we went to Parc Asterix and my friends and I went on roller coasters, water rides and many more. We had lunch between all of that as well.



It was a great trip and experience, also a great opportunity to speak French.

Rahi H 7AGN



Have a wonderful summer break!

As this is the last roundup of the academic year I hope you all have a lovely and well rested summer. A reminder that School closes on Friday 19th July and opens back up to students on Wednesday 4th September. Have a lovely break! Miss Arnaoutis