



ASPIRATIONS

WEST LONDON NEWSLETTER

SPRING 2022 HALF TERM



WHATS BEEN
HAPPENING IN
THE WEST
LONDON REGION
THIS HALF TERM?



MCLAREN RACING WORKSHOP AT RIVERS ACADEMY WEST LONDON

WITH THE NEW FORMULA 1 SEASON SOON UPON US AND THE CONTROVERSY FROM LAST SEASONS' FINALE ALMOST BEHIND US, WHAT A PERFECT TIME TO INTRODUCE OUR YEAR 9 STUDENTS TO FORMULA 1'S MCLAREN RACING TEAM.

Sixty of our Year 9 students were fortunate enough to be selected and took part in a whole day STEM event sponsored by McLaren Racing and delivered by the Smallpeice Trust. Showing a true **spirit of adventure and confidence to take action**, the students competed in a hands-on automotive challenge where they became Designers, Engineers, Examiners, Marketing Executives, and more to form their own top F1 team.

Working in teams, students explored the topics of energy, motion, and electromagnetism, and competed to make the fastest vehicle while also meeting tough criteria and promoting the team through sharp branding and smart designs.

Students were given information about the industries of materials science and engineering and the different career roles within them. They were also given some specific careers advice on the ways to become an engineer, through higher education and apprenticeships.

All of our teams **successfully designed and built a model car**, they also had to consider the cost, the look and the marketing of the car. All cars were speed tested and then tested to see how much resistance each had. Finally, all students then took part in a presentation of their car and its features to the rest of the workshop participants, our winning team was then announced.

RIVERS ACADEMY WEST LONDON 2022 PHOTOS





BEYOND PARK

THIS TERM AT PARK ACADEMY HAS BEEN A BUSY ONE. STUDENTS HAVE BEEN ENJOYING THE OPPORTUNITIES AVAILABLE TO THEM. WE HAVE BEEN KEEN TO ENCOURAGE STUDENTS TO CONSIDER THEIR ASPIRATIONS AND THINK ABOUT LIFE BEYOND PARK. ALL OF YEAR 10 HAVE HAD THE OPPORTUNITY TO VISIT BRUNEL UNIVERSITY.

They were taken on tours of the campus, experienced a university lecture and spoke to students. For some, this was the first time they had been to a university and the first time they had considered attending. The trips were a great way of making them excited about their future.

Year 9 students have also visited Brunel to explore the science opportunities available to them. We have been lucky to have some visit St Mary's university too. A KS3 group explored the PE facilities and were able to play on the world class facilities that were there. The students were great ambassadors for the academy and we have been invited back to enable more students to visit.

The theme was **diversity for our latest Academy showcase, and fun and excitement** was had by all as we have spent all week celebrating the many cultures that exist. Staff have learnt to say key phrases in different languages and students have had to guess the language. The showcase began with an exhibition of work focusing on diversity across the curriculum and there were some outstanding pieces of work. During the performance staff and parents were extremely proud as the students performed with great confidence. We are all looking forward to the next showcase at the end of the academy year.

PARK ACADEMY WEST LONDON 2022 PHOTOS





CURIOSITY AND CREATIVITY

THIS HALF TERM HAS SEEN A RETURN TO MORE PRE-PANDEMIC ACTIVITIES AND A MAIN PART OF SPACE STUDIO LIFE HAS ALWAYS BEEN TRIPS TO SUPPORT THE APPLIED TRANSDISCIPLINARY LEARNING THAT WE UNDERTAKE AND EMPLOYER ENGAGEMENT TO SUPPORT EMPLOYABILITY SKILLS.

It has been curiosity and creativity all the way as students in Year 12 have visited **Russell Finex Engineering factory** and the **UCAS fair at Farnborough airfield**; Year 12 and 13 visited the **National apprenticeship fair** and **higher education exhibition**. Year 10 have embarked on a **four part Barclays life skills program** which covers financial awareness to cyber -safety and wellbeing. They undertook a virtual tour of **Diamond**

light source an application of the uses of particle accelerators. Year 10 also visited **Brooklands Museum** to support the project of the Theory of Flight.

A highlight was the **Year 12 presentations to their industry mentors from ZS associates** on the impact of covid on the treatment of various other diseases as part of the Aspirations employability diploma.

SPACE STUDIO WEST LONDON 2022 PHOTOS





SPIRIT OF ADVENTURE AT OAK HILL

WITH SCIENCE AT THE FOREFRONT THIS HALF TERM, STUDENTS AT OAK HILL HAVE BEEN GETTING HANDS ON AND DEVELOPING THEIR SCIENTIFIC ENQUIRY SKILLS- BOTH IN AND OUTSIDE THE CLASSROOM!

With the Spirit of Adventure (and the essence of spring!) coursing through our No Limits assignments, our pupils have had the opportunity to put their biologist hats on and explore different biological processes and life cycles.

From the 'eggitement' of the live hatching of the chicks and watching their growth in the Creator Space, to explosive Fizz-Pop workshops, to creating the digestive system with stomach churning 'waste product', to fizzing lava lamps, to Bear Grylls inspired bug

hunting and den building in Bedfont Lakes, the teachers have brought the learning to life for our pupils. Year 5 also showed off their **Confidence to Take Action** when they were faced with snakes, cockroaches, dragons and tarantulas for a handssssss-on animal experience and workshop! With each year group's Driving Questions being the catalyst for the learning, the children have been preparing for their Science focused final product culminating in an inspiring, high quality Science Fair.

OAK HILL ACADEMY WEST LONDON 2022 PHOTOS



YEAR 2 HEALTH EATING ASSIGNMENT

YEAR 2 CHILDREN AT ORIEL ACADEMY HAVE THOROUGHLY ENJOYED LEARNING THROUGH THEIR NO LIMITS DRIVING QUESTION: 'HOW CAN WE AS FITNESS GURUS IMPROVE OUR FITNESS?'

They have been identifying how **food and healthy lifestyles** have changed over the last 100 years. In Science they have learnt about the need for exercise! One mini-project was to make a **healthy plate of food**. One child

said: "We have learnt all about how to make healthy salads. I loved making my fruit salad because it was tasty and good for me. I learnt different ways to cook. Designing a warm up to keep fit was fun too!"

ORIEL ACADEMY WEST LONDON 2022 PHOTOS





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