



16 September 2024

Dear Parent/Guardian

Science Museum and KS3 Science Live!

We would like to invite your child to attend the 'KS3 Science Live!' lectures in London, with a morning visit to the Science Museum's David Sainsbury gallery. This is a fantastic opportunity for students who would consider opting to take Triple Science at GCSE level, and who might want to potentially pursue STEM (Science, Technology, Engineering and Math) careers in the future.

The 'KS3 Science Live!' Lectures in London will take place on the 14 March 2025, and will be a day trip to London leaving at 7.30am in the morning and returning approximately 5.00pm in the evening, depending on the traffic conditions.

The current itinerary for the trip is as follows:

Time	Activity
07:15	Students arrive and assemble in the lower bus park
07:30	Bus leaves heading to London
10:00	Bus Arrives at the Science Museum
10:15	Students experience the David Sainsbury Gallery (Technicians exhibit)
11:00	Short tour around the Science Museum in small groups
12:00	Leave Science Museum
12:15	Arrive at Emmanuel Centre
12:30	KS3 Science Live Starts
14:10	Lectures Finish
14:30	Depart for Hedingham School
17:00	Arrive at Hedingham School to be collected up by Parents

The David Sainsbury gallery at the Science Museum is an opportunity for students to experience the world of STEM careers including:

- Setting foot inside Shuri's Lab from Marvel Studio's *Black Panther* to re-enact the role of a film lighting technician
- Have a go at making lifesaving medicine as an NHS pharmacy technician
- Operate a robotic arm and try your hand at welding a rollercoaster track
- Step into the world of renewable energy and solve problems faced by a wind turbine technician

Additionally, the three lectures at the Emmanuel Centre in the afternoon are aimed at KS3 students considering future STEM careers. The attending Scientists are Prof Robert Winston, Dr Maggie Aderin-Pocock, Dr Hannah Critchlow, Tomi Akingbade and Tobi Alegbe, who will all discuss specialist areas of interest in their fields. It is designed to stimulate and improve scientific literacy by connecting school science to the real world. The event will focus on adding purpose to student studies by showing where hard work in STEM subjects could lead, whether that is future learning or employment.

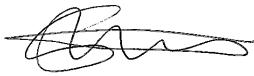
The cost of this opportunity is £43 per student, which will give access to the lecture series and Science Museum, as well as the coach travel to and from London. All students must bring their own packed lunch, unless your child is eligible for a free school meal.

If your son/daughter would like to attend this time to learn about these exciting areas of Science, then please complete the medical form link below. The medical form must be completed by **7 October 2024** by the latest. If not completed by this date your child will not be given the place. Places are unfortunately limited to 60 students. ParentPay will only be made available once the medical form has been completed. Payment is due in full by the 22 November 2024.

<https://forms.office.com/e/nr920qnams>

If you have any questions, then please contact me. My email address is hed.duncane@hedingham.essex.sch.uk

Yours sincerely



Miss E Duncan
Leader of Science Learning Area

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