



16 March 2023

Dear Parents and Carers

Re: UKESF Girls into Electronics hosted by Imperial College London

As your daughter is taking Advance Level Computer Science next academic year, I am organising a trip to attend Imperial college London Engineering department on the 12 July 2023.

The event will provide the unique opportunity for students to develop their interest in Electronics. During the day, participants will find out more about Electronics and studying the subject at university, as well as hearing from female graduate engineers working in the Electronics sector.

Making advances in Electronics and semiconductors is critical to providing technological solutions to some of the biggest challenges facing society, including climate change, improving healthcare and better connectivity and communications.

During the day, participants will experience a sample lecture from a senior academic, input from current students, a department tour, a Q&A, and an introduction to microcontrollers. This introduction will be a 'hands on' practical session using the Grove Beginners' Kit, including Arduino, which participants are provided with and is theirs to keep. As well as the event, there will be the opportunity to gain further insight through follow-on activities, including online sessions to guide participants through further practical activities with the microcontrollers.

The group will be led by me, Mr Spencer. The cost of the event will covered by the school, though students will need to pay approximately £15 for their train travel on the day.

if you are interested in your daughter participating, please fill in the attached consent form with full medical information and dietary requirements included and return to the finance office by 21 April. We have six places for this event, therefore should the trip be oversubscribed, places will be randomly allocated by computer to ensure fairness.

If you have any further queries, please do not hesitate to contact me at school via email jspencer@st-martins.essex.sch.uk

Yours sincerely

Mr J Spencer
Head of Computing

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