



**UK Electronics
Skills Foundation**

Girls into Electronics 2025

Inspiring the next generation of female Electronics Engineers

- 506 girls participated
- 15 events held at Partner Universities nationwide
- 96% rated the events 'Good' or 'Excellent'





“I would encourage every girl to consider a career in electronics/ engineering. I am incredibly grateful for this experience.”

Girls into Electronics 2025 participant



“I just wated to say the day was brilliant. The students really enjoyed it all and 3 students have been to see me since asking if they can join my computing group so they can learn more, which is a real plus.”

Teacher



UKESF Girls into Electronics 2025 was attended by over 500 girls, aged 14-17, from across the UK.

For the third year running, the programme was kindly supported by Apple.

Events were hosted by 15 different UKESF partner universities.

In total, 506 girls from 92 schools participated, and we were also joined by 66 teachers.

Since Girls into Electronics was launched in 2022, over 1,500 female students from approximately 220 different schools have taken part in the programme.

- **80% of participants felt more enthused about Electronics after attending**
- **56% of participants who weren't considering a career in Electronics have now been inspired to**
- **96% of participants rated the Girls into Electronics day as 'Good' or 'Excellent'**

The Programme

A series of one-day Girls into Electronics events showcased the many exciting opportunities of studying and working in the field of electronics. At the events participants were given the opportunity to:

Hear a sample lecture from a senior female academic

The subject of the lecture varied from university to university, but some examples included, medical engineering and the role electronics plays in Healthcare, Quantum Computing, using technology to capture Human Emotions and Photonics.

Experiences of students and engineers

Participants had the opportunity to hear from females studying and working in the field of electronics: UKESF scholars - and other students - currently studying at the host university, graduated UKESF Scheme alumni, lecturers and engineers from Apple. After the talks, there was a chance for a Q&A session.

A tour of the university department

The students were able to learn more about the host university, their labs and research facilities, and the cutting-edge work of the researchers and academics.

An introduction to microcontrollers

The students participated in a 'hands on' session which gave them an introduction to microcontrollers using the Grove Beginner Kit for Arduino, which they were able to take home with them.

Following the event

The UKESF are keeping in touch with the participants, and their schools, to offer more support and encouragement about careers and study in electronics. Immediately following the event, the UKESF shared a number of additional resources with the participants, to ensure they could continue to develop their interest in electronics, as well as make the most of the Grove beginner kit for Arduino, at home.

Why Girls into Electronics is Important

The UK Electronics Skills Foundation (UKESF) launched Girls into Electronics to inspire female students (aged 14-17), from diverse backgrounds, to consider a career in the Electronics sector.

The global semiconductor industry is the fourth largest industry in the world, and the compound semiconductor market was forecast to reach \$136 billion in 2024, of which the UK has an 8% share. However, the demand for employable graduates is currently outstripping supply. UCAS figures show that only 3,245 students enrolled on degrees in Electronic and Electrical Engineering in the UK in 2021, of which as few as 335 were women.

The programme was developed based on best practice on interventions to increase

girls' aspirations for engineering and technology careers published by Engineering UK. Girls into Electronics is just part of the UKESF's wider strategy to address the gender imbalance in the electronics sector.



At Apple we deeply believe that technology helps expand what's possible for learning, and are committed to providing access for all learners to have the chance and the tools to dream big and pursue opportunities.

Mari-Anne Chiromo, Apple Inclusion and Diversity Partnerships Lead, EMEA

Participant Feedback

- 80% of participants felt more enthused about Electronics after attending
- 56% of participants who weren't considering a career in Electronics have now been inspired to
- 96% of participants rated the Girls into Electronics day as 'Good' or 'Excellent'
- 95% of participants rated the practical session using the Grove beginner kit for Arduino as 'Good' or 'Excellent'



“Very well organised and have learnt so much, gained a huge insight and now understand a lot more about careers in electronics.”



“I would really like for this event to continue to take place for girls like myself who may not have previously considered a career in what is such an interesting industry which I am now seriously considering. I am well aware of the need for more women in scientific fields and I believe that events like this are crucial”

Programme Reach

- Pupils came from 92 different schools, 18 of which the UKESF had not previously engaged with. These schools will receive follow up support from the UKESF
- 33% of schools were from the lowest three POLAR4 Quintiles
- Approximately 73% of pupils are studying at KS4, and 27% KS5
- 41% of participants were from an ethnic minority background
- 10% of participants were currently in receipt of free school meals
- 16% of participants would be the first in their immediate family to attend university



“This event was genuinely career altering. Before this, I had never considered a career in electronics or engineering and my view on possible career paths to pursue was extremely narrow. Upon attending this event the thought of pursuing a career in these fields fills me with a sense of excitement.”

Where next for Girls into Electronics?

A successful approach

This is the third year that Girls into Electronics has taken place across the country, with the kind support of Apple and our Partner Universities. We're delighted that the feedback emphasises the value of giving young people hands-on opportunities to explore Electronics, and the chance to hear directly from those working within the sector.

Girls into Electronics is an important part of the UKESF's integrated schools' programme. Pupils that choose to study Electronics could also be eligible for the support we provide through free extra curricula activities, the Semiconductor Talent Award and the UKESF Scholarship.

Apple GiE (Girls into Electronics) Mentor Program

The Apple GiE (Girls into Electronics) Mentor Program has selected 43 UKESF Girls into Electronics participants, who are in years 12 or 13 for academic year 2025/2026. Each student has been allocated a mentor, a Hardware Technology engineer from the Apple team. The initial mentoring program will be for three months, starting September 2025.

Girls into Electronics 2026

In 2025, we increased the number of places available making it the most well attended Girls into Electronics to date. What's more, the vast majority of the 15 events were sold out. Looking to 2026, we hope to continue our partnership with Apple to build on this years' successful programme.

With thanks to our Sponsor



And our University Partners



“A huge thank you to UKESF, our university team, and all the volunteers who made the event such a success — and most importantly, to the brilliant students who came ready to learn and lead. Let's keep opening doors and breaking down barriers.”

Education and Student Experience Officer, University of Nottingham



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Skills Foundation**



UK Electronics Skills Foundation

We are the voice for skills in the Electronics industry. Through engagement - with schools, universities and industry - it is our mission to encourage more young people to study electronics and to pursue careers in the sector to ensure it thrives. To date, we have worked with more than 100 employers from across the industry, over 850 schools and we have partnerships with 30 of the UK's leading universities.

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