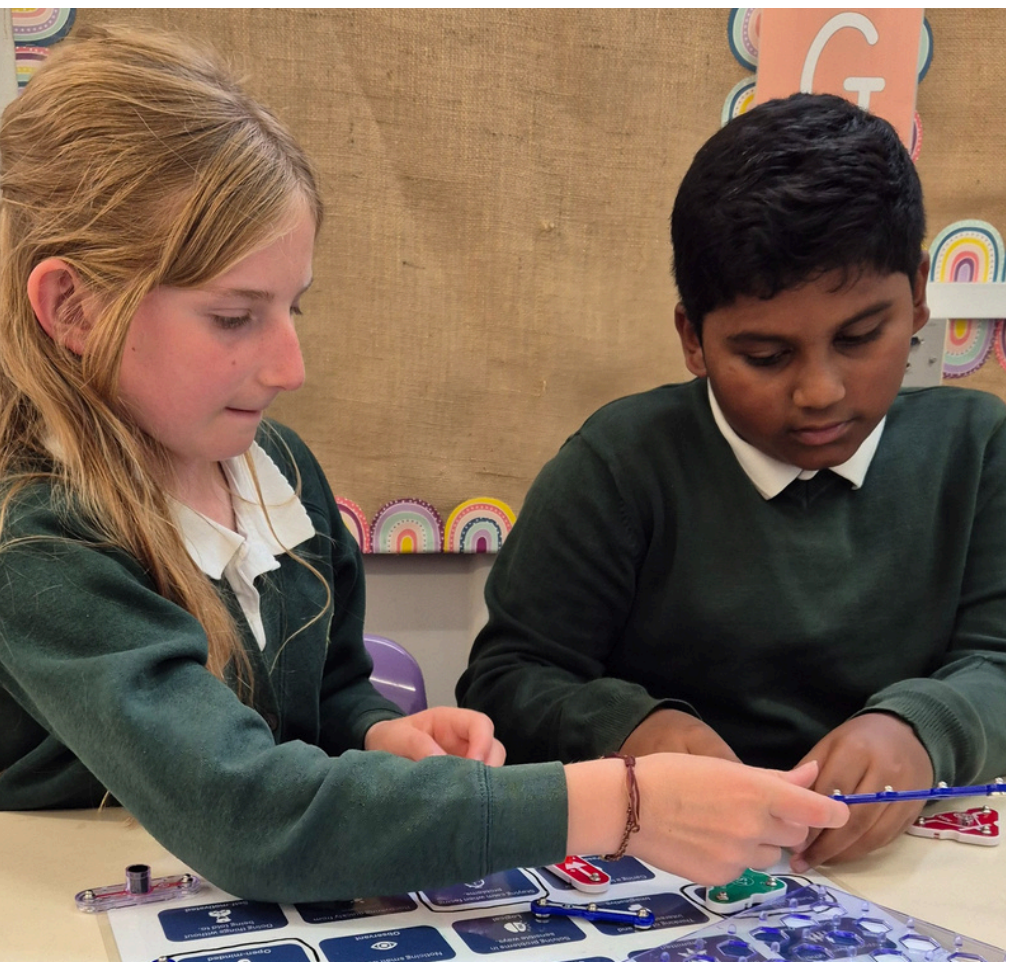
UK Electronics
Skills Foundation

Primary Electronics

Industry Information Pack

"I think I'd be a good engineer"
"This is so hard but I love it!"
"I'm going to do this when I grow up"
Feedback from pupils aged 8-11



Primary Electronics

Thank you for your interest in supporting the UKESF Primary Electronics programme. This impactful new programme for primary schools is designed to:

- **Build early interest in Electronics and engineering** through an engaging, hands-on workshop for 9-11 year olds.
- **Share real-life experience of working in the Electronics industry**.
- Support industry partners to **develop the skills to deliver impactful outreach** and engage young people with Electronics and STEM.
- Broaden horizons and help to **build science capital for pupils** who may otherwise not consider a career in STEM.
- **Support teachers in delivering practical Electronics lessons with confidence**, using high-quality classroom resources to continue to build pupils' skills beyond the initial workshop.

Volunteering

For individuals

£Free

Opportunities for individuals from Electronics and Technology companies to receive training and lead a workshop in their local primary school.

Partnerships

For organisations

£2,000

A collaborative approach to impactful Electronics outreach in your local area. Bespoke training, your own resources to keep, and support to deliver effective Electronics outreach to 10+ of your local primary schools.

How it works

Volunteering

Industry partner training

The UKESF will invite you to join a 2-hour session for volunteers covering the programme, workshop delivery, working with primary schools, and using STEM attributes to share their Electronics journey.

Workshop resources

“Snap Circuit’ resources: We will send you these resources to keep and share internally for primary school visits.

Electronics Engagement Box: We will send these resources directly to every school you visit. They complement the workshop, so that teachers can run more Electronics activities at their own pace following your visit.

Presentation: We will work with you to ensure the workshop presentation is co-branded.

Connecting with Schools

We will connect you with a school that has expressed an interest in the programme, or provide you with resources and advice to reach out to a local school.

Partnerships

Industry partner training

The UKESF will organise bespoke 2-hour sessions for your participating team members. It will cover the programme, workshop delivery, working with primary schools, and using STEM attributes to share their Electronics journey.

Workshop resources

‘Snap Circuit’ resources: We will send you these resources to keep and share internally for primary school visits.

Electronics Engagement Box: We will send these resources directly to every school you visit. They complement the workshop, so that teachers can run more Electronics activities at their own pace following your visit.

Presentation: We will work with you to ensure the workshop presentation is co-branded.

Connecting with Schools

We will work with you to identify schools in your area and reach out to them.

We will also support with promotional activities (as required) such as advertising, case studies and news items.

FAQs

How can I get involved in Primary Electronics?
We'd love to discuss your involvement! Please get in touch via education@ukesf.org.

How much does it cost to be involved?
Thanks to generous donations from our programme funders, there is no cost to be involved as a volunteer.

We also offer 'Partnerships' for organisations who might like to get involved on a larger scale, and have a significant impact delivering engaging workshops in their local area. The cost of a partnership £2,000.

If your organisation is unable to participate, but would like to make a voluntary financial contribution to the project, please contact Kate on kate.cox@ukesf.org.

Is there a cost to the schools taking part?
No, it is completely free for UK state schools to take part.

Where is this project taking place?
Primary Electronics is available all over the UK. Wherever you are based, we'd love for you to be involved, and we can help connect you to your local schools.

Over 25 schools have already expressed an interest in the programme, we are seeking Volunteers and Employers who can help us to deliver workshops in these areas:

How long does each school visit take?
The workshop takes an hour to deliver. Set up and clear away time is minimal, so we would expect the total time for each school visit to be less than 2 hours.

Have other employers been involved?
Generous contributions from Onsemi, iMAPS and BAE have funded the delivery of the programme. Other organisations involved through Volunteering and Partnerships include Leonardo, Cyntech, AMD, Bangor University, Swansea University, CSA Catapult, Nexperia and more!

Case Study

Why did Cyntech want to be involved in the project?

We've been selling Snap Circuits for around 10 years and have seen first-hand how much they can help children and teachers in schools. We wanted to be part of making this more accessible across the country. When children start using the kits, you can really see their interest and excitement grow as they build and learn about Electronics.

We want to help foster that curiosity and support children in developing a genuine love for STEM.

What benefits have your volunteers got from being involved?

It's been a great opportunity to connect with local schools and have meaningful conversations with teachers and headteachers about how we can better support them.

We've also really enjoyed sharing our experience and expertise with the children, who are always keen to learn more about careers in electronics and science.

What benefits have the schools you've visited mentioned?

As soon as the children get hands-on with the kits, they're inspired to start creating and experimenting.

The simple snap-together parts make it accessible for everyone, so all children can take part and succeed. Teachers often comment on how engaged the children are throughout, and it's great to see them leave having built multiple working circuits.

It's a fantastic way to get involved in the community, share your knowledge and expertise, and inspire more children to explore STEM subjects and future careers.

Get in touch

If there's anything we haven't covered in this pack, or if you'd like to chat more about the project, we'd love to hear from you!

Please feel free to get in touch at **education@ukesf.org** - we're always happy to help.

We're looking forward to hearing from you!

Warm regards,

SOPHIE BATIN
HEAD OF EDUCATION
UK ELECTRONICS SKILLS FOUNDATION

PRINCESS ROYAL TRAINING AWARD 2025