

Showcase newsletter - secondary and post-16 opportunities!

In this special showcase edition of the Engage Teacher Network newsletter we share a directory of opportunities and free STEM resources - many of which featured at the recent [2026 Engage Teacher Conference](#) (in case you missed it). Read on to see some great opportunities for your secondary and post-16 students.

Funding

The Royal Society

Ages 5 - 18

Apply now to receive up to £3,000 to run an investigative STEM project in your school or college in partnership with a STEM professional through the Royal Society's Partnership Grants scheme. Contact education@royalsociety.org for further guidance.

[Find more information on Royal Society grants here](#)

Teaching Resources & Toolkits

Primary Science Teaching Trust

This free to access resources supports teachers and learners to find out about a range of careers and hear from real live scientists who work in these roles. These scientists come from diverse backgrounds, in terms of gender, sexuality, ethnicity, disability so learners can relate to them.

[Read more about A Scientist Just Like Me here](#)

Neon

Ages 3-18

We offer quality-assured, free, in-school STEM enrichment activities on Neon, drawn from 120 trusted activity providers. Working in a primary or secondary school and need ideas for your students but unsure where to start? Follow the link below to explore current opportunities, available nationwide and easy to book.

[Explore Neon experiences here](#)

National Centre for Earth Observation

Ages 4-18

Earth observation (EO) data, images and contexts are a great way of delivering parts of the core curriculum in a new way. These ready-to-use resources do not assume you or your pupils already know about EO, and include background information you might need to use them with confidence.

[View the NCEO Education Resources here](#)

Great Science Share

Ages 5-14

Now in its 11th year, this international campaign aims to improve the quality of working scientifically skills of 5-to-14 year olds by encouraging them to ask, investigate and share scientific questions that matter to them. New guided enquiries and toolkit resources are launched each year and the annual share day occurs every June.

[You can find more information on the GSS website here](#)

Leverhulme Research Centre for Forensic Science

Ages 7-13

A range of forensic science activities for primary to secondary students, designed by experts to reflect real-world practice. With clear instructions and everyday materials, they provide an accurate, engaging insight into forensic science, suitable for both classroom and at-home learning.

[View the LRCFS Forensic Science resources here](#)

The Rosalind Franklin Institute

Ages 7-14

Virus Factory in Schools is a free teaching resource containing 4 workshops for KS2&3. Explore the topics of viruses, microbiology, microscopes and computer algorithms, in the context of the online citizen science project Virus Factory. As a bonus: by taking part, your students will be contributing to real science research.

[View more information on the Virus Factory here](#)

Micro:bit

Ages 7-16

The micro:bit is packed with sensors to measure sound, light, temperature, magnetism and movement, and there are loads of teaching resources ready to support getting practical in the classroom.

[Click here to download information on micro:bit activities](#)

IRIS

Ages 11-18

A free, fully-resourced scheme of work from the Institute for Research in Schools. Designed to equip you with the knowledge, resources and confidence to introduce students to the process, purpose, and possibilities of research and innovation in any classroom in the UK, regardless of starting point.

[Get started with research here on the IRIS website](#)

British Ecological Society

Ages 8-18

Download our free, versatile learning resource, perfect for educators looking to explore why scientific papers matter. With a variety of age appropriate activities, plain language summaries and full texts, you'll find something to support and inspire every learner.

[Access free, versatile learning resources from BES here](#)

UK Electronics Skills Foundation

Ages 16-18

Electronics Everywhere is a classroom resource that enables students to participate in hands-on and interactive activities that teach core Electronics concepts for A-level Physics and Computer Science students.

[Find out about Electronics Everywhere support materials here](#)

Apps for Good

A free, project-based AI course where learners design and build AI-powered apps for social impact using JavaScript coding or AI-assisted vibe coding. It explores how AI works - including bias, ethics, and deepfakes - through fun, hands-on learning that sparks discussion and curiosity, while helping them become safe and confident digital creators.

[Read more about the AI for Good 2.0 course here](#)

Replacing Animal Research

On our resource page we provide resources linked to the use of animals in science and alternatives. We have resources aimed at students, such as guides on advocating for animals or selecting a bioscience university course. We also provide activities for use in science lessons and tutor time.

[Find Replacing Animal Research resources here](#)

Events & Activities

Project Earth

Ages 8-18

Project Earth empowers school aged children to innovate and act for the climate. We inspire young people in STEM as well as counteracting climate anxiety and showcasing a huge range of green careers. We have 125 advisors www.projectearth.global/advisors/ supporting students, and run Pitch for the Planet events.

[Find out more on how to empower young people with Project Earth](#)

I'm a Scientist

Ages 10+

Create a buzz in your classroom! The I'm a Scientist activity connects your students with a diverse range of people using STEM in their roles. Students take part in two-way, authentic conversations.

[Increase your students' engagement with science here](#)

Teacher CPD

National Centre for Computing Education

Ages 5-16

At the NCCE our vision is for every child in every school in England to have a world-leading computing education. We provide teachers, schools and trusts: • courses for all experience levels free for state-funded educators • nationally recognised certification • free curriculum teaching resources • expert guidance to progress through the Computing Quality Framework.

[See Computing courses for teachers here](#)

Competitions & Awards

Association of British Science Writers

Ages 14-16

The Young Science Writer Award opens January 2027, inviting 14 to 16-year-olds at UK state-funded, non-selective schools to explore the ideas shaping our world and craft compelling, evidence-led science stories for a public audience, with the chance to gain national recognition and outstanding prizes. Take a look at our work over the past 5 years.

[Read more about the Young Science Writer Award](#)

Thank you for sharing our commitment to provide all young people with high quality science project work, especially those most often underrepresented in STEM.

Stay in touch with what is new on the [Engage Teacher Network members zone](#).

The CREST Team

A future where science is more relevant, representative and connected to society.



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