

Engage Teacher Conference

Get funded! **Explore STEM grant opportunities for schools**

Discover new ways to finance your ideas. Funding providers are coming together to showcase their STEM grants for schools.

Dominique Sleet, Royal Academy of Engineering

Chrissie Maitland, Royal Society of Chemistry

Elizabeth Chambers, The Royal Society

Kirsty Waterhouse, Learning through Landscapes

Susan Matambanadzo, British Science Association

Welcome, please be aware:

- Talks are recorded
- You can ask questions in the chat throughout
- There will be time for questions at the end



Engage

The Royal Academy of Engineering

Dominique Sleet
Public Engagement
Manager

www.raeng.org.uk/ingenious



A grants scheme for projects wanting to engage the public with engineers and engineering

Eligibility

- UK based organisations
- Engineering focus
- Engage public audiences
- Activities free to access
- Offer engineers training and opportunities in public engagement



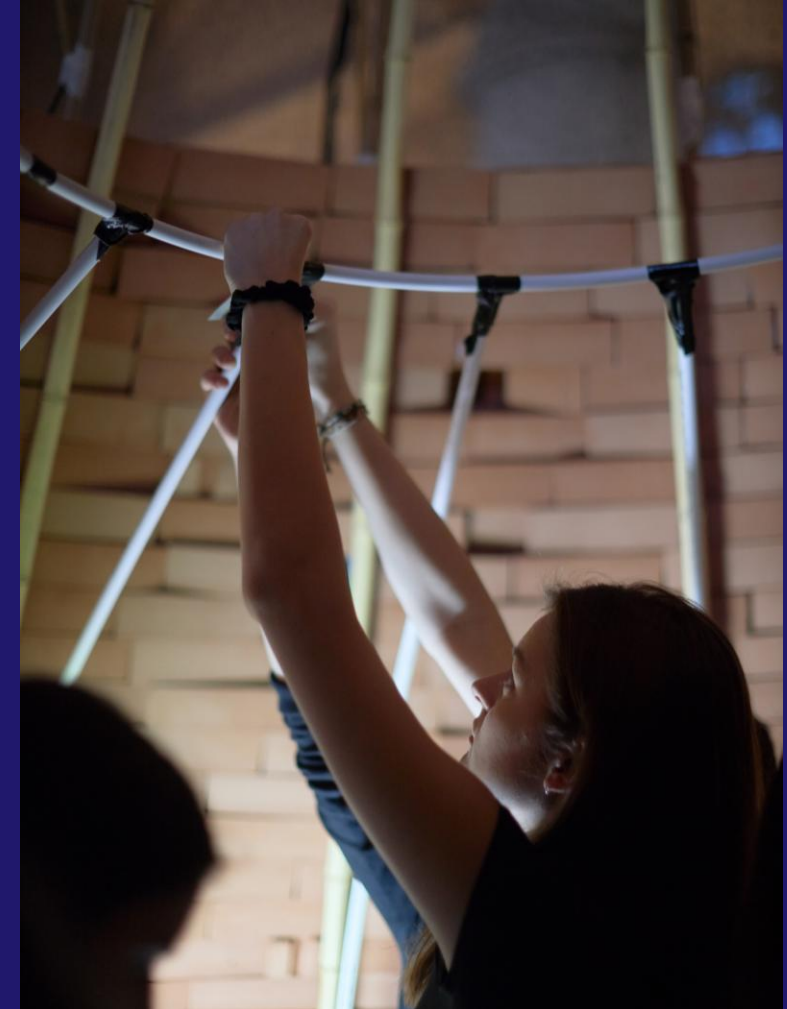


Royal Academy
of Engineering

| Ingenious

What does the programme offer?

- £3,000 to £30,000 grants
- Kick-off workshop for awardees
- Evaluation training and support
- Communications and media support
- Networking opportunities



Annual call out
Applications: July – September
2-stage review process

Funding confirmed: February
Projects: May 2026 – July 2027

Website: raeng.org.uk/ingenious
Email: Engagement@raeng.org.uk



Amazon Future Engineer Scholarship

National programme aimed at supporting **women** A-level and BTEC/OCR (or Scottish equivalent) students from **low-income households** who wish to study computer science or related engineering courses at UK universities.

- Up to £20k over 4 years at university
- Mentoring
- Networking and training

Applications open November-May



Photo credit: Rolls-Royce PLC

Engage

The Royal Society of Chemistry

Chrissie Maitland
Programme Manager,
Education Strategic Programmes

www.edu.rsc.org



ROYAL SOCIETY
OF **CHEMISTRY**

Outreach fund

- Small grants (of up to £5000) or large grants (up to £10,000)
- Website offers lots of information with support documents, previous projects, and guidance and resources to support your application.
- Three review periods a year (March, June and October) but applications can be submitted at anytime.
- Next application **deadline is Friday 3 October**



Outreach fund

What we fund

We are currently prioritising funding for projects that have one or more of the following outcomes:

- Under-represented audiences are better connected with or represented by chemical science
- RSC members have opportunities to develop and/or use their engagement skills
- The project or partnership supports positive social outcomes such as an increase in wellbeing, improved confidence, and/or an increased sense of belonging
- Families and intergenerational audiences connect with chemistry in fun, creative and participatory ways
- Adults engage with chemists and chemistry to empower them to access, connect and respond to chemistry and societal issues



Other funds – Applications open in 2026

Teacher empowerment fund

- One for secondary and one for primary teachers
- £600
- Supports teachers to run their own events locally
- Focus on sharing good practice



Elevating Chemistry

- Funding for secondary teachers to support their learners
- Up to £2000 for a 1-year project or £3000 for a 2-year project
- Projects are designed and run by the schools to meet learner needs
- Focus on supporting literacy, numeracy, practical work or careers



Chemistry Week 10 – 16 November 2025

*Join us to celebrate **Chemistry Taking Action** during Chemistry Week this November and showcase the chemical sciences and its professionals making a difference to people, communities and the world we live in.*

You can share your activity on social media during Chemistry Week using #ChemistryWeek.

If you want to get involved but are not sure where to start:

- Explore our [Science outreach: activities and resources | RSC Education](#)
- See our careers resources [A Future in Chemistry | RSC Education](#)

Engage

The Royal Society

Elizabeth Chambers
Schools Engagement Officer

www.royalsociety.org/partnership

A circular inset image showing a close-up of a microscope's objective lens and stage. The text 'THE ROYAL SOCIETY' is overlaid in a red, serif font. The background of the entire slide features abstract yellow and orange curved shapes.

**THE
ROYAL
SOCIETY**

@Kkolosov

The Royal Society's Partnership Grants

The Partnership Grants scheme supports:

- UK schools and colleges to **develop a sustained partnership with STEM professionals** from academia or industry.
- **A grant of up to £3,000**, used by the school/college to enable the **running of an open-ended investigative project**, undertaken by the students with support from the STEM professionals.
- The scheme is open to any registered school or college covering 5-18 education.
- Tomorrow's Climate Scientist is an extension to the Partnership Grants scheme, funding projects researching into climate change and biodiversity loss locally.



What can the funding be used for?

A large majority of the grant should be used for equipment to run the investigations.

Examples:

- Microscopes
- Chemicals for DNA analysis
- Micro:bits
- Solar panels
- Weather station
- 3-D printers

Things you would not normally find in the classroom / science department

A small proportion of the grant can be used for travel

A small proportion of the grant can be used for teacher CPD / training

A small proportion of the grant can be used for teacher cover

*Cannot be used for 3rd party schemes or competitions.

Application timelines

The 2025 funding round is already open, and will remain open across the year with three deadlines to get your application submitted for:

Submission deadline	Projects may start from
End of April 2025	October 2025
Mid July 2025	January 2026
Start of December 2025	April 2026

The school or college puts in the application, but the form needs to be completed with support from a lead STEM partner and the headteacher / principle

The application forms consists of 2 stages:

- Stage 1 – eligibility check (basic details)
- Stage 2 – detailed plans (timeline, budget etc) and counter signatures

What are the benefits of the Partnership Grants?



Projects funded between 2021 - 2024

- **£3,000 funding** – can use equipment purchased for other things.
- **Support the curriculum** – choose your own topic including cross-curricular projects to support your curriculum and/or interests.
- **Develop students' skills** – scientific process/working scientifically, communication, teamworking and data skills etc.
- **Support your careers targets** – help students meet a range of STEM professionals and learn what they do in their jobs.
- **Not a standardly competitive process** – lots of support for schools and colleges interested in applying.
- **Opportunities to raise your profile** – share your grant work wider at events, in-person and online or with support from the Society's press team.

Engage

Learning through Landscapes

Kirsty Waterhouse
Local School Nature Grants
Project Manager

www.ltl.org.uk



**Learning
through
Landscapes**



Operated by Learning through Landscapes

www.ltl.org.uk

Funded by the People's Postcode Lottery



Local School Nature Grants

lsng@ltl.org.uk





The Offer

- Early Years, Infant, Primary and Secondary settings
- England, Scotland & Wales
- Outdoor resources (£500 worth to spend)
- Climate Curriculum Kit (worth £150)
- 2 hour staff CPD session
- Climate survey of outdoor space
- Webinars
- LtL membership for a year

<https://naturegrants.ltl.org.uk/>

<https://ltl.org.uk/newsletter-sign-up/>





What we are looking for from an application?

- Passionate learners
- Pupil involvement
- Equipment
- Local community



<https://ltl.org.uk/free-resources/>



Science
Age 4-7

A wolf in sheep's clothing

- Animal adaptations and senses

Science
Age 2-5

Bubble play

- Reading and writing
- Phonics

Science
Age 11-13

The green-house effect

- Energy
- Sustainability
- Climate change

Science
All ages

Making rainbows

- Light refraction

Primary
Subject specific

Leaf slides

Age: 8-11
Subject: Science, Art
Topic: Photosynthesis and leaf adaptations

Science
Age 11-13

How hot is it here?

- Temperature
- Climate change

Time Lapse Photos

Watch time fly before your eyes with this time lapse tutorial

9-12

ICT

Virtual Tour Guide

Show off your local community by creating a guided tour to share with others.

12+

ICT

How Fast is that Car?

Challenge the pupils to measure local traffic speed

12+

Estimate and Measure

All ages
Play activity

Maths scavenger hunt

Primary
Subject specific

Body part angles

Age: 8-11
Subject: Maths
Topic: Angles

Maths
Age 9-11

How to measure a tree

- Measurements

Secondary
Subject specific

Making a model of a wave

Age: 14-16
Subject: Physics
Topic: Describing waves

Previous learning required

- The rest position is the undisturbed position of particles when they are not vibrating.
- The crest is the highest part of a wave.
- The trough is the lowest part of a wave.
- The wavelength of a wave is the distance from a point on one wave to a point in the same position on the next wave, measured in metres.
- The amplitude of a wave is the maximum distance of a point on the wave away from its rest position, measured in metres.
- The wave frequency is the number of waves passing a point each second. It is measured in hertz (Hz). A frequency of 1 Hz means 1 wave passing per second.

Did you know:
A wave is a disturbance that transfers energy from one location (its source) to another location. Waves travel through a medium like air, glass or water.

Learning outcomes

- How to accurately draw and label a wave.
- Understand that waves transfer energy at different rates. A high energy wave is characterised by a high amplitude; a low energy wave is characterised by a low amplitude.
- Understand that when the wavelength is shorter, the frequency of the wave is higher (there are more waves passing a point each second) and, therefore, there is a higher amount of energy being transferred.

Equipment

- Chalk.
- Skipping ropes of various lengths (the longer the better).
- 1 metre ruler or a tape measure.
- Access to an outdoor area that you can draw on.

Activity

- Either work in pairs or independently to complete this activity.
- Start by asking pupils to use the skipping rope to represent a wave and label the wave using the chalk. You may choose to model this first.
- Using the diagram, check whether the waves have been labelled accurately.
- Using the metre ruler or the tape measure, ask pupils to measure the wavelength and amplitude in metres and record this to the side of their model of a wave.
- Ask pupils to make the wavelength of their wave shorter. Explain that when this happens, the frequency of the wave increases.
- Ask pupils to increase the amplitude of their wave. Explain that when this happens the wave has more energy.

If you would like to develop your outdoor learning knowledge and skills, take a look at our range of training courses: ltl.org.uk/outdoor-learning-training

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Learning
through
Landscapes

Engage

Engage funding British Science Association

Susan Matambanadzo
Education Manager

www.crestawards.org/engage/funding



Engage funding

Engage funding

Support for UK schools in **challenging circumstances** to run **CREST Awards** with **students who are underrepresented in STEM**.

Engage
Grant

=



£350
grant
money

+



£350
of CREST
Awards

Engage
Simply
CREST

=



£350
of CREST
Awards



**OPENS:
September
2025**

CREST Awards



Engage

British Science Association's CREST Awards spark curiosity, build confidence, and connect young people with real-world STEM.

- Open-ended project activities
- Free resources
- Flexible and adaptable
- Non-competitive
- Certified with a CREST certificate
- 5 levels
- Starting at £1/pupil



How can you spend the £350 Engage Grant?

- Equipment, materials/consumables for CREST activities
- Teacher cover
- CPD for school staff
- A delivery partner to assist with running the projects
- Speakers or presenters
- Additional CREST Award fees (over and above the free £350)



School eligibility

- Non-selective UK state **schools** only
- The school meets at least one of the following additional criteria:
 1. A minimum of 30% of pupils are eligible for Free School Meals or equivalent [Scotland: SIMD quintile 1]
 2. A minimum of 30% of pupils are from ethnic minority backgrounds
 3. The school is based in a remote and rural location

Priorities

- Support for young people from underrepresented groups to earn CREST Awards
- Engagement of whole classes/year groups
- Cross curricular plans
- Engagement *outside* of traditional contexts like lessons and STEM clubs

www.crestawards.org/engage/funding

Any questions?

Engage

Or get in touch with today's speakers:

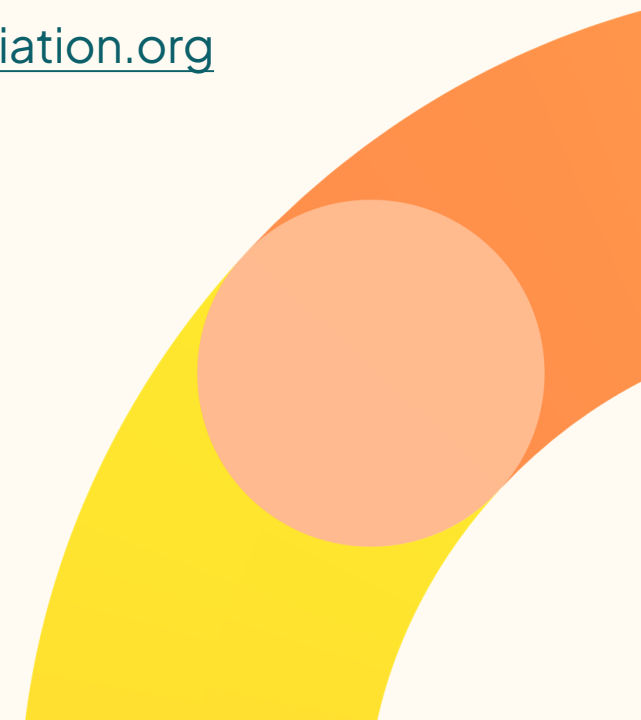
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Engage Teacher Conference

Thank you

Complete the **5-minute feedback form** for the chance to win one of ten **£10 Amazon vouchers!**

www.tfaforms.com/5181926



 crestawards.org/engage

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