



The Royal Institution  
Science Lives Here

# Interactive science brought to your school

Science shows, CPD sessions  
and more



Science in schools



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**Our Science in schools programme brings one of our trained presenters to your school for the day, to deliver two performances of your chosen science show to school groups, a CPD session for teachers, and a twilight community show. We have a choice of three shows that can be tailored to suit either 4-7, 7-11, or 11-14 year olds.**

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## The shows

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### Explosive food

Learn about food and its often explosive nature. Find out about the incredible amount of energy contained in the food that goes in your mouth in this show packed with exciting chemistry and physics demonstrations.

**KS1, KS2, KS3**

**Primary 2-7, S1-3**

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### Energy LIVE!

Energy LIVE! is an exciting audience-led show, delving into the different stores of energy and how they affect our lives. Through lively, fire-based demonstrations we take the intimidation out of the terminology around energy and show you just how simple this subject can be.

Your pupils will leave not only knowing their elastic from their gravitational, but also fired up (pun intended) about energy and with a newly-enthused approach to science.

**KS1, KS2, KS3**

**Primary 2-7, S1-3**

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### We've got the power

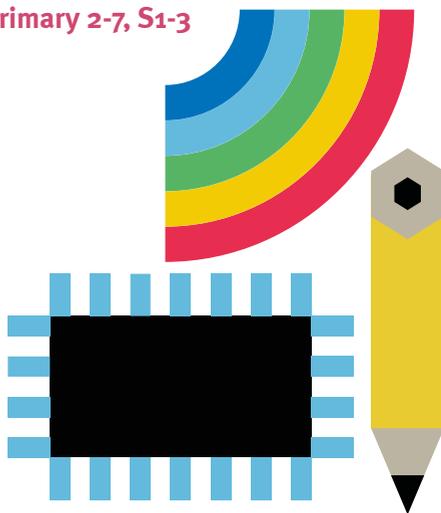
Explore the chemistry fossil fuels, particularly the production of CO<sub>2</sub>; the history of our understanding of CO<sub>2</sub>'s effect on the climate; and the physics and chemistry of storing electricity.

Find out why we need to stop burning things and what we could do instead to fulfil our needs in the future.

There'll be lots of demonstrations and of course, we will be setting things on fire!

**KS1, KS2, KS3**

**Primary 2-7, S1-3**



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## Also included in your booking...

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### Continuing Professional Development (CPD) sessions

We've condensed our knowledge from decades of performing shows and demonstrations to craft sessions that will inspire and empower teachers. For primary teachers, we build confidence for teachers less familiar with science and show them how easy it is to do simple and fun science activities with their classes. For secondary teachers, we give practical tips and show you how to use simple demonstrations and experiments to great effect in your teaching.

### Bringing science to life - A show for your local community

A fun, interactive science show for your local community. This is a great way to show that your school emphasises and celebrates science. You can offer it free to the community or as a ticketed event to help fundraise for the school. This will be delivered on the same day as our visit, in the early evening.



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# About us

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The Royal Institution is an independent charity dedicated to connecting people with the world of science. We are the home of the famous CHRISTMAS LECTURES, science shows for young people shown on TV every Christmas. Our Science in Schools programme is the culmination of two centuries of experience and experimentation, bringing our popular demonstration shows into schools across the UK. Our presenters also provide teacher development sessions to help you make the most of science in your school.

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## Costs

2 school show performances, 1 CPD session and 1 community show: £800 + VAT. Bespoke packages are also available, please email [schools@ri.ac.uk](mailto:schools@ri.ac.uk) to discuss

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### Duration

The shows all last for an hour without an interval. The CPD session also lasts an hour, and is usually delivered immediately after school.

### Booking

Please email [schools@ri.ac.uk](mailto:schools@ri.ac.uk) or phone **020 7670 2904** Mon–Fri.

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