



## Welcome back.

Hello readers and welcome back. Before we start highlighting events during 2021-22, we would like to draw your attention to the main aims of ASE Scotland. The functions of ASE Scotland are:

- *to support teachers and technicians, in the delivery of the science curriculum, and in their own professional development;*
- *to express authoritative opinions on science education;*
- *to provide a means of communication between all those involved in science education in order that they may share others' expertise and good practice, and*
- *to promote membership of the Association and active participation in its affairs.*

Last year, ASE Scotland successfully achieved the main aims and is looking forward to continuing to promote excellence in science teaching and learning in 2022-23.

Before the summer break, there was a face-to-face ASE Scotland conference at Kinross High School. The conference was a great success with fantastic help from the presenters, keynote speaker, exhibitions, delegates, S6 learners, catering and staff at Kinross High School. Feedback from the conference was very positive and we are delighted to announce that the next face-to-face ASE Scotland conference is on **Saturday 10<sup>th</sup> June 2023**. The theme is "Hands-on, minds-on Science" and it will be held again at Kinross High School. If you missed the conference in June, then pencil the above date into your diary and watch out for further details, which will be published later in the year.

Every year there is an Annual Business Meeting in November. We will be sharing a programme of ASE Scotland's ABM via teaching forums and ASE Scotland's website. Again, we will set a date for this event and look forward to seeing you then.

Another exciting feature is ASE Scotland's webpage. This should make it easier for colleagues to access information on events, opinions on science education, resources and many more.

In the professional development section, there is a wide range of events offered to technicians and teachers. In this newsletter, you will see professional learning programmes organised by ASE, IOP, RSC and SSERC. Scan the QR code or click on the URL to access details of each workshop.

We also encourage colleagues to consider joining ASE. Have a look at memberships for the science department (11-19); student teacher, and early career primary and secondary teachers. Benefits of membership include discounts to CPD, conference events and ASE's bookshop.

If you would like to be a member of ASE Scotland committee then please contact Susie Burr (Chair of ASE Scotland) or Tess Watson (ASE Scotland Field Officer).

Take care and watch out for more details on the conference, ABM, website, and professional development.

*ASE Scottish Regional Committee*

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# ASE Scotland Conference 2022



SCOTLAND CONFERENCE

ASE Scotland is very proud of a successful face-to-face conference at Kinross High School on Saturday 11<sup>th</sup> June. The conference, in partnership with SSERC, focused on **Practical Work in Science**. Delegates' feedback, on the conference, are highlighted below.

At least 120 delegates attended the conference with a variety of exhibitions and an excellent keynote speaker - Bruce Robertson. The programme featured sessions for early years and primary science along with secondary sessions for biology, chemistry, physics and spotlight sessions.



*Bruce Robertson presenting his keynote speech on Power Up Your Pedagogy.*

Some examples of the conference were: outdoor practical work on rocketry and Biology; a wide range of primary workshop activities; IOP Scotland Physics Coaches delivering practical workshops; Secondary Spotlights; preparing for Practical Electronics with soldering; workshops delivered by Royal Society of Chemistry and SSERC, and Exhibitors showcasing their latest resources with exclusive Conference offers.

If you have not attended or you are considering attending the next Scotland conference, then all I can say is GO FOR IT and pencil that date into your diary.

**FEEDBACK**

*"Inspiring event, helped renew my enthusiasm for developing my teaching in the classroom."*

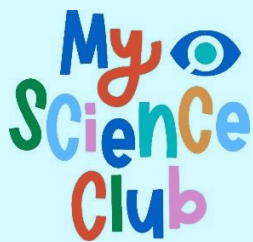
*"Enjoyed the event thoroughly. Enjoyed opportunity to see other teachers teaching topics and how they approach it - in both similar and different ways."*

*"Very good day, thank you."*

*"This was the first ASE conference I have attended and was exceptionally impressed with all aspects of the conference. The keynote speaker was particularly impressive - after 7 years as a teacher, it was reassuring that some of the things I still do in the classroom are recommended, but also listening to Bruce's talk it was nice to reinforce some of the learning techniques that I had forgotten or had become complacent using in class since I was a PGDE student."*

*"A good range and each timed session had a good choice of sessions I wanted to attend. Thanks for allowing Freedom to investigate, practical electronics and mobile devices."*

**REMEMBER!!!**  
**Next ASE Scotland conference:**  
**"Hands-on, minds-on Science"**  
**on**  
**Saturday 10<sup>th</sup> June 2023**



## My Science Club Launch

Interested in running a science club in your school? Lacking the time to prepare, or the resources and ideas for great weekly sessions?

*My Science Club* is a brand-new enterprise launching on 7<sup>th</sup> September that provides everything you need to open the way to an inspiring world of exciting science club sessions for all ages.

The brainchild of ASE members Bryony Turford and Paul Tyler, with over 35 years collective experience working in primary schools, *My Science Club* aims to grow children's love of science, sparking curiosity for lifelong learning and endless possibilities.

*My Science Club* is an innovative web-based membership package where teachers and home educators can choose and download packs of sessions to suit their children. Saving time with tried and tested clubs that include detailed educator's notes; quick to prepare resource lists and engaging resources for all ages of children.

Founder Bryony said "We've been teachers ourselves; we know how time, resources and budget are all limited which is why we've created a sustainable and affordable model for schools. As a member, educators get 36 high quality hands-on science club sessions ready to go for just £49.99."

"*My Science Club* provides brilliant resources, easy to follow and support exciting and engaging after school sessions which promote engagement with science for many different types of learner." Educator from trial school.

To find out more visit [www.myscienceclub.com](http://www.myscienceclub.com)

For more information contact [hello@myscienceclub.com](mailto:hello@myscienceclub.com)



# ASE Regional Events in 2022

We host events throughout the year for members and non-members.

## An introduction to professional registration

<https://www.ase.org.uk/events/introduction-professional-registration-0>

**27 September 2022, 16:30 - 17:30**

Find out more about applying for professional registration with the ASE. This webinar will introduce you to the registers of CSciTech, RSci and RSciTech

**Event type:** Online event



## ASE RSciTech online session to find out more

<https://www.ase.org.uk/events/ase-rscitech-online-session-find-out-more-3>

**28 September 2022 15:30-16:30**

This session will enable participants to find out more about RSciTech and to go through the form to understand what is required.

**Event Type:** Online event Workshop



## Online Technicians Leadership Programme: Leading yourself and your team

<https://www.ase.org.uk/events/online-technicians-leadership-programme-leading-yourself-and-your-team-2>

**29 September 2022, 09:00 - 15:00**

This one-day online course is one of three modules of the ASE Technicians Leadership series of courses.

**Event Type:** Online event



## CSciTech - find out more

<https://www.ase.org.uk/events/cscitech-find-out-more>

**29 September 2022, 16:30 - 17:30**

Have you been thinking about applying for CSciTech but can't get started? This workshop will help you along the way.

**Event Type:** Workshop



## ASE Annual Conference 2023 at Sheffield Hallam University

<https://www.ase.org.uk/events/ase-annual-conference-2023-sheffield-hallam-university>

**05 January 2023 - 07 January 2023, 09:00 - 16:00**

Sheffield Hallam University City Campus  
Howard Street, Sheffield S1  
1WB, United Kingdom

**The ASE Annual Conference 2023 will be taking place at Sheffield Hallam University - for now save the dates!**



### ASE New Technicians: Getting Started

<https://www.ase.org.uk/events/ase-new-technicians-getting-started-2>

**06 October 2022, 09:00 - 15:00**

Are you a science technician in a school that has recently started (within the last year)? If so, this one day online course can help you.

**Event Type:** Online event



### ASE Online Primary Workshop: Meet the authors

<https://www.ase.org.uk/events/ase-online-primary-workshop-meet-authors>

**11 October 2022, 16:00 - 17:00**

Offered by Berks, Bucks and Oxon region, this exciting workshop enables you to meet authors of popular books used in the Primary classroom

**Event Type:** Online event Workshop



### Online Technicians Leadership Programme - Working with and training others

<https://www.ase.org.uk/events/online-technicians-leadership-programme-working-and-training-others-1>

**13 October 2022, 09:00 - 15:00**

This one-day online course is one of three modules of the ASE Technicians Leadership series of courses.

**Event Type:** Online event



### ASE: Practical Biology for Technicians Online

<https://www.ase.org.uk/events/ase-practical-biology-technicians-online-3>

**20 October 2022, 09:00 - 15:00**

This exciting new online course will help you as a technician to change this perception about biology practical work.

**Event Type:** Online event



### ASE: Practical Chemistry for Technicians Online

<https://www.ase.org.uk/events/ase-practical-chemistry-technicians-online-1>

**17 November 2022, 09:00 - 15:00**

This exciting new online course for 2022 will help you as a technician to change this perception about chemistry practical work.

**Event Type:** Online event



### ASE Technicians Supporting Students

<https://www.ase.org.uk/events/ase-technicians-supporting-students-2>

**01 December 2022, 09:00 - 15:00**

This one-day online course is ideal for technicians who are or will be directly supporting students.

**Event Type:** Online event



# IOPS CLPL events 2022-2023

Registration at <https://www.talkphysics.org/events/>

**16:30-17:15**  
**Wednesday**  
**14 September 2022**



## **IOP Scotland CLPL: First Time Teaching Higher Physics – session 2**

The second of two online coaching sessions to introduce the essentials of teaching Higher Physics for staff who may have been teaching for a few years, taught other classes, or had experience in other education systems, but no recent experience of the Scottish Higher Physics course.

Those with experience of teaching Higher Physics are also welcome to join in for a refresher and to share their experiences.

Electricity, Particles and Waves

- Essential practicals and associated uncertainties
- Key and tricky concepts
- "New" content for the 'CfE' Higher. Standard model, semiconductors etc.
- What depth to go into and what terminology to focus on.

The session will feature input from at least two IOPS physics coaches who may not agree on a single best way to achieve these aims! Discussion will be encouraged with questions welcome during the session. Coaches will be available after the session to offer limited 1:1 support via email or video call for specific queries from participants who attended the online sessions.

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**16:30-18:00**  
**Thursday**  
**22 September 2022**

## **IOP Scotland CLPL: Moray Network Meeting – in-person event**

Elgin Academy

We are back! After the pandemic we can now restart our in-person meetings.

Our first meeting will focus on the theme of Space, mainly looking at the Faulkes and Liverpool robotic telescopes.

Feel free to "show and tell" anything you do with your classes on Space.

And you don't have to be a teacher in Moray - all welcome!

Afterwards, as in the past, we shall retire to a local hostelry for some food, drink, and a blether.

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**19:30-20:30**  
**Wednesday**  
**5 October 2022**

## **IOP Scotland CLPL: First Time Teaching Advanced Higher Physics – session 2**

Don't know the difference between spacetime and a good time? Wonder what practical work to do with your students? Confused what order to teach stuff and how to avoid the wells of interest which suck up time?

Then sign up for our online CLPL session with some top hints and tips from experienced IOPS physics coaches.

Those with experience of teaching Advanced Higher Physics are also welcome to join in for a refresher and to share their experiences.

**19:30-20:30**  
**Wednesday**  
**9 November 2022**

### **IOP Scotland CLPL: First Time Teaching Advanced Higher Physics – session 3**

Don't know the difference between spacetime and a good time? Wonder what practical work to do with your students? Confused what order to teach stuff and how to avoid the wells of interest which suck up time?

Then sign up for our online CLPL session with some top hints and tips from experienced IOPS physics coaches.

Those with experience of teaching Advanced Higher Physics are also welcome to join in for a refresher and to share their experiences.

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**16:30-18:00**  
**Thursday**  
**24 November 2022**

### **IOP Scotland CLPL: Moray Network Meeting – in-person event**

Elgin Academy

There will be a focus on the use of Tracker and on Photonics.

Feel free to "show and tell" anything you do with your classes on Space.

And you don't have to be a teacher in Moray - all welcome!

Afterwards, as in the past, we shall retire to a local hostelry for some food, drink, and a blether.

**Stuart Farmer**

**Stuart is IOP Education  
Manager in Scotland.**

**IOP EVENTS**

## **Coming soon: A new ASE Scotland webpage**

The webpage will be published, later on in the year, and caters for technicians and teachers of science at primary and secondary level.

The webpage will give you access to the following:

- upcoming ASE events
- termly newsletters
- resources for BGE Science
- resources for biology, chemistry and physics
- supporting probationer and student teachers of science, and much more



### **Welcome to our new-look homepage**

We've created this new section of the Association for Science Education website to give a home to all of our Scotland-specific news, events and resources...

**SCOTLAND WEBSITE**

RSC

Alex Ball is head of imaging and analysis at the NHS in London who is running an outreach program for schools in which they send out scanning electron microscopes to schools. He has reached out as he wants to expand the program to Scotland. Alex is happy to be contacted directly and discuss it in more detail - Alex Ball [a.ball@nhm.ac.uk](mailto:a.ball@nhm.ac.uk) (See attached)

### **Workshop in a Box**

Workshop in a Box (WiaB) is an outreach program developed and ran by the School of Chemistry at the University of Edinburgh. It is fully-funded by the Royal Society of Chemistry and brings real life chemistry and analytical techniques to the classroom through two WiaBs which can be delivered remotely by teachers!

Both workshops include a benchtop IR and UV-Vis spectrometer, all teaching materials, lab equipment and chemicals (including risk assessment) to run the experiments. Comprehensive training videos on how to use the spectrometers are provided and a member of the WiaB team will always be happy to help with any queries while you have your WiaB.

### **Murder in the Lab? (S5/6)**

Dr Blue, a distinguished academic, has been found dead in his lab! Was his death an unfortunate accident or was there foul play?

By using both an IR and UV-Vis spectrometer your pupils will determine the identity of various unknown samples and figure out whether a blood sample contained a fatal dose of aspirin. Alongside these practical techniques there is also information about NMR and mass spec as they use all four techniques to help them solve the mystery!

We recommend this WiaB is run with 5th and 6th Year pupils as it requires a reasonable knowledge of spectroscopy and functional groups, it would normally take a double period but it can be split over two separate ones.

All teaching materials, chemicals and equipment needed for you to run this with your class will be supplied, we will also organise couriers to deliver and return the kit to your school. If you would like to book a week for your school for either this year or next (2022/23) please get in touch with Katie Grant and Ailsa Geddis at [sias@ed.ac.uk](mailto:sias@ed.ac.uk)



### Historical Hoax? (S3/4)

An intriguing artefact has been unearthed on an archaeological dig! It has the potential to rewrite Scottish history but first the authenticity must be confirmed.

Your pupils will use an IR spectrometer to determine whether the piece of material wrapped around the artefact is natural or synthetic. Next they will extract dyes from pieces of coloured cloth provided and test these samples on a UV-Vis spectrometer to determine whether the dye found on the cloth around the artefact match those available at the time the artefact would have been crafted, during the reign of Robert the Bruce!

We recommend this WiaB is run with 3rd and 4th Year pupils with the aim of improving their lab skills and give them a taster of what a real life chemist might do without the need for too much prior knowledge of spectroscopy. We would recommend a double period or two single periods.

All teaching materials, chemicals and equipment needed for you to run this with your class will be supplied, we will also organise couriers to deliver and return the kit to your school. This workshop is perfect to run during the time the older years are off on exam leave!

If you would like to book a week for your school for either this year or next (2022/23) please get in touch with Katie Grant and Ailsa Geddis at [sias@ed.ac.uk](mailto:sias@ed.ac.uk)

**Scientist-next-door** is a project by a community of scientists (<https://www.scientist-next-door.org/>) from various UK universities that want to share their passion for STEM subjects with school children and young people (ages 6 to 15). They organise free practical sessions to explain science in a fun and interactive way. You can find an advert of the activity here (<https://royalsocietyofchemistry.box.com/s/rqx65hfswh1l2lyn3wy4ixqd6fbr2z62>)

“Our activities aim to spark children's curiosity, and inspire the next generation of scientists !”

Would you like to host their scientists for a fun hands-on science workshop? Contact them at [outreach@scientist-next-door.org](mailto:outreach@scientist-next-door.org) or sign up online <https://www.scientist-next-door.org/school-sign-up>

### About the project:

Scientist Next Door was founded in March 2020, in response to the COVID-19 lockdown in the UK. Initially, they used video calls to connect families and scientists to discover the science that impacts our daily lives. Each call was tailored around the specific interests of the children and in total they developed more than 60 activities around various scientific topics (<https://www.scientist-next-door.org/articles>). They are now transforming these activities into in-person workshops for schools and after school clubs. Their projects are funded by the Royal Society of Chemistry, the Biophysical Science Institute, and supported by Durham University and the University of Edinburgh.

### Feedback:

“Well run group of fantastic scientists. Very helpful from start to finish. Children really enjoyed the session and was geared towards current issues. The website is well set up to explore the children and young people spoke about how they looked at this with their parents before the session. Would 100% recommend. Thanks again. LASC”



# SSERC Events

## SSERC Early Years and Primary

Looking for new activities and ideas to deliver STEM in your setting? Then look no further than the SSERC Early Years and Primary bulletins and STEM by the book resources. Bulletins are published termly and STEM by the Book (making literacy links to STEM) monthly <https://www.sserc.org.uk/subject-areas/primary/primary-resources/>

## Professional Learning

We still have places available for application on Teddy in the park and our Early Level STEM days. Please use the link below to take you to our PL page, this will be updated regularly so bookmark the page for future reference. <https://www.sserc.org.uk/professional-learning/primary-clpl/>

Anyone based in the North East of Scotland? Looking for free engineering focussed professional learning? Then look no further we have a brilliant opportunity for primary teachers, working at 1<sup>st</sup> and 2<sup>nd</sup> level CfE learners, to engage with our STEM Challenges course. It is being delivered on the 30<sup>th</sup> September at the Aberdeen Science Centre, for more information please get in touch with Euan Mitchell [euane.mitchell@sserc.scot](mailto:euane.mitchell@sserc.scot)

## Secondary Probationers Professional Learning Science Probationers Residential

This programme offers an excellent way of keeping up to date with developments in your subject area. The residential aspect of the course offers a great networking and peer engagement aspect for delegates, creating opportunities to build new working relationships with other probationer teachers across the range of schools and local authorities in Scotland.

A 2-day residential course based at SSERC HQ to support probationer teachers in Science to deliver safe, high quality, hands-on practical STEM learning in the classroom/lab. There will be coverage across a range of science curriculum organisers allowing delegates to develop their skills in and out of their subject specialism.

The course is aligned to the GTCS Standards for Full Registration and the National Model for Professional Learning.

<https://www.sserc.org.uk/professional-learning/secondary-clpl/probationers-clpl/>

## Other secondary PL opportunities

We cover Professional Learning for all the sciences and Technology, to see what we have on offer in the coming months please follow the link below -

<https://www.sserc.org.uk/professional-learning/secondary-clpl/>

## Technicians

SSERC has, in partnership with the Scottish Technicians Advisory Council (STAC), developed several courses which have been levelled and credit rated by SQA. A brief description of each of the courses, together with an indication of the number of credits awarded upon successful completion can be found <https://www.sserc.org.uk/professional-learning/technicians-pl/>

## [Maths Week Scotland - 26 September - 2 October](#)

Maths Week Scotland is an annual, week-long celebration of the importance of maths in our everyday lives. This year, Maths Week Scotland will run from 26<sup>th</sup> September – 2<sup>nd</sup> October.

This year's theme is the Beauty of Maths, exploring the beauty and creativity in the world of maths. For some mathematicians that may be the elegance of a mathematical solution and to others the beautiful visual patterns created by their work.

Here at STEM Ambassadors in Scotland we are working with our STEM Ambassadors and the team at Maths Week Scotland to help you bring maths and numeracy to life in the classroom and to link to this year's theme as well as all the other STEM subjects.

Find out about the events, information sessions and resources we have available to support this week and how you can go about engaging with a STEM Ambassador to support Maths Week Scotland activities in your setting.

### [Practitioner Handbook](#)

Full details of all the events, training and resources we will be providing can be found in our practitioner handbook.

### [Resources](#)

Visit our resource hub to see all the great online and physical resources available to you.

Loan kits are available and delivered free of charge when you engage with a STEM Ambassador.

### [Free Classroom Sessions](#)

Our ambassadors will be running a series of talks for both primary and secondary students throughout the week focusing on both The Beauty in maths and maths within their careers.

We recognise that it is hard to find time slots that work for all classes particularly in secondary education, however if you register for these sessions but cannot attend on the day a recording will be made available to watch at a time that suits you.

### [Request an ambassador](#)

Most importantly our ambassadors are ready and willing to help you run the activities you want for Maths Week Scotland.

Need a hands on example of maths in action? Looking for career links for a project you are running?

Place a request on our database and we will connect you with ambassadors who can help.

[See our how to request an ambassador guide.](#)

### **More Information**

Keep up to date with everything on our [Maths Week Scotland Webpage.](#)

### Teddy in the Park Open SSERC Meet 25th October

**Date:** 25th October 2022

**Closing Date:** 5th October 2022

<https://www.sserc.org.uk/professional-learning/primary-clpl/teddy-in-the-park-sserc-meet-2/>



SCAN ME

### Teddy in the Park Open SSERC Meet 27th October

**Date:** 27th October 2022

**Closing Date:** 5th October 2022

<https://www.sserc.org.uk/professional-learning/primary-clpl/teddy-in-the-park-sserc-meet-2-2/>



SCAN ME

### Laboratory Science National 5

**Dates:** 23-25 November 2022

**Closing Date:** 21 October 2022

<https://www.sserc.org.uk/professional-learning/secondary-clpl/biology-clpl/laboratory-science-national-5/>



SCAN ME

### Biology SSERC Meets

- 6th October – Bringing the inside outside
- 15th December – Microscale Biology

<https://www.sserc.org.uk/professional-learning/secondary-clpl/biology-clpl/online-professional-learning/biology-sserc-meets/>



SCAN ME

### BGE Physics for Non-Specialists

**Course Dates:** 1st – 2nd February 2023

**Closing Date:** 9th December 2022

<https://www.sserc.org.uk/professional-learning/secondary-clpl/biology-clpl/bge-physics-for-non-specialists/>



SCAN ME

### Science Probationers Residential: Cohort 2: 2nd – 3rd December 2022

**Course Dates:** 2nd – 3rd December 2022

**Closing Date:** 21st October 2022

<https://www.sserc.org.uk/professional-learning/secondary-clpl/probationers-clpl/science-for-secondary-probationers-2/>



SCAN ME

### Science Probationers Residential: Cohort 3: 13th-14th December 2022

**Course Dates:** 13th – 14th December 2022

**Closing Date:** 11th November 2022

<https://www.sserc.org.uk/professional-learning/secondary-clpl/probationers-clpl/science-for-secondary-probationers-3/>



SCAN ME

### Science Probationers Residential: Cohort 4: 11th-12th January 2023

**Course Dates:** 11th – 12th January 2023

**Closing Date:** 11th November 2022

<https://www.sserc.org.uk/professional-learning/secondary-clpl/probationers-clpl/science-for-secondary-probationers-3-2/>



SCAN ME

# Membership Sign Up

## Science Department (11-19)

**Save your school up to £250 per year on individual memberships.**

Scan QR code or tap the URL below.



<https://www.ase.org.uk/member-ship-sign-science-department>

ASE Science Department membership can help support the entire science team in any secondary school or FE college. For example, trainee and early-career teachers will be able to develop their careers through access to our extensive range of *live CPD events* and recorded webinars, while heads of science might benefit from strategic-level materials such as our *Good Practical Science guidance* or *Best Practice Guidance Documents*.

For just **£250 per year**, science departments are granted five individual logins (additional logins can be added for £30 per user), with registered users able to enjoy benefits such as:

- Member discounts of up to 50% on all ASE CPD events (including online), such as our annual conference - traditionally the largest gathering of science education specialists in Europe
- Access to recorded video CPD materials through our member-only *secondary CPD Video hub*
- Physical copies and digital archive access to our leading primary journal *School Science Review* (1x physical copy per school - UK only)
- Physical copies and digital archive access to our leading primary journal *Education in Science* (1x physical copy per school - UK only)
- A wealth of digital teaching/department resources such *BEST STEPS* or our *Science Department Scenarios*
- Market-leading technician-facing resources such as *Topics in Safety*, and the *Prep Room Organiser*
- Up to 50% the vast majority of ASE & Millgate publications at *Millgate*.

*If you get your science department to sign up, you get your next year's individual membership for free!*

## Primary membership

ASE primary membership provides teaching resources and professional development opportunities to support primary science subject leaders, teachers and schools.

Scan QR code or tap the URL below.



<https://www.ase.org.uk/content/membership-sign-primary>

For just **£149 per year**, schools are granted eight individual logins, with registered users able to enjoy benefits such as:

- Member discounts of up to 50% on all ASE CPD events, including our four-day annual conference - traditionally the largest gathering of science education specialists in Europe
- Access to recorded video CPD materials through our member-only Primary CPD Video hub
- Physical copies and digital archive access to our leading primary journal *Primary Science* (1x physical copy per school - UK only)
- Physical copies and digital archive access to our leading primary journal *Education in Science* (1x physical copy per school - UK only)
- The *Primary Science Leaders' Survival Guide* (Online resource)
- A wealth of teaching resources such *PLAN*, *Primary upd8* and the *Primary Remote Learning Resources*
- Up to 50% off ASE & Millgate publications at *Millgate*.

# Student Teacher & Early Career 3 Year Option

We want you to be able to enjoy the support and benefits that being part of our network and community bring, and are delighted to be able to give our student teacher & early career members a special three-year offer, at a significantly discounted rate of **£136 for three years** (charged at £24, £44 and £68 in years 1-3 respectively or as a single one-off payment). If you feel a three-year membership option might not be for you, we also offer a one year plan for £70 for the year instead.

## Some of the benefits trainee and early career members receive include:

- Priority access to ASE webinars as well as to our popular *Teachmeets*.
- Big discounts on professional development, from hands-on *workshops*, to our flagship *Annual Conference* (including one free day per year at any ASE CPD event during your three year plan)
- Access to early-career member online sessions providing opportunities to ask questions and share concerns & best practice.
- ASE Journals and full access to our *journals archive online*.
- Secondary members will also get online access to *School Science Review*, our leading peer reviewed journal; Primary members will get online access to our leading *Primary Science* journal.

Scan QR code or tap the URL below.

<https://www.ase.org.uk/individual-membership>



## Professional Registration

The ASE is licensed by the Science Council to manage professional awards, which recognise excellence for practitioners in science education:

- **RSci** (Registered Scientist Award), which benefits all those concerned with science teaching as a profession;



<https://www.ase.org.uk/rsci>

- **RSciTech** (Registered Science Technician Award), which benefits all those concerned with science education, and



<https://www.ase.org.uk/rscitech>

- **CSciTeach** (Chartered Science Teacher Award), which benefits all those concerned with science teaching as a profession.



<https://www.ase.org.uk/csciteach>

These can be awarded to eligible members. If you are not yet a member of ASE, you can click on the above QR code, that applies to you, in the membership section.