



## Events this term.

There are ASE events coming up this term. On **Tuesday 15<sup>th</sup> November** at **6 pm**, there will be an online Annual Business Meeting (ABM). Details of the event are at the bottom of this page. Remember: ASE Scotland Committee has a meeting via Zoom, every month, so if you would like to join us, then share your interest with Tess Watson – our ASE Scotland Field Officer – and we look forward to welcoming you to our supportive committee.

The National Discussion on Education has gone live, with a deadline set on Monday 5<sup>th</sup> December. The link is <https://consult.gov.scot/learning-directorate/national-discussion-on-education/>. On **November 8<sup>th</sup>**, at **6 pm**, ASE Scotland will be presenting a Zoom meeting on National Discussion. ASE Scotland will be submitting its own response and contributing to the LSG’s response. Before attending the meeting, you may wish to think of answers to each of the 10 questions, which are listed on page two of the newsletter.

ASE Scotland encourages ASE members to participate in both events.

Remember, on **Saturday 10<sup>th</sup> June**, there is an ASE Scotland Conference at Kinross High School. The theme is “Hands-on, minds on Science”. We are calling for presenters and the deadline is at the end of November. Last year was very successful and there will be workshops catering for primary and secondary teachers. If you feel you can offer a workshop, on that day, then we strongly encourage you to do so.

There will be another newsletter before Christmas break. We should have more details of the ASE Scotland conference by then.

Take care and regards,

ASE Scotland Committee

### Annual Business Meeting

ASE Scotland Field Officer, Tess Watson, will soon provide a link to a Zoom meeting of the Annual Business Meeting.

#### ABM Programme:

1. Welcome from ASE Scotland Chair – *Dr Susie Burr*
2. Presentations from *Paul Tyler, Stuart Farmer, Dave Allen, Alex Sinclair*
3. Reports from ASE Scotland *Chair, Treasurer, Secretary and Field Officer*
4. Election for Chair of ASE Scotland
5. Discussion on future events.

If you would like to become a member of the Scottish Committee, then come along to the meeting and take part in this supportive group. We look forward to seeing you at the meeting.

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# National Discussion on Education

A Zoom meeting, presented by ASE Scotland, will focus on the following questions. We are keen to hear your views, which will be shared with the RSE's Learned Societies' Group.

1. What kind of education will be needed by children and young people in Scotland in the future?
2. How do we make that a reality?
3. How can every child and young person's individual needs be supported and addressed in the future?
4. What is one thing that needs to stay and why?
5. What are the most important priorities for a future Scottish education system?
6. How can we ensure that everyone involved in education in Scotland has a say in future decisions and actions?
7. How can children and young people be cared for and supported in the future? (i.e. physical and mental wellbeing)
8. How can the right of every child and young person to have opportunities to develop their full potential be achieved in future?
9. How can children and young people be helped to learn about our changing world, so they feel able to positively contribute?
10. Do you have any other comments that you would like to provide about a vision for the future of Scottish Education?

**REMEMBER!**

**ASE Scotland's Zoom meeting on  
National Discussion on Education:  
Tuesday 8<sup>th</sup> November 2022  
at 6 pm**

**ASE Scotland's Zoom ABM  
on  
Tuesday 15<sup>th</sup> November 2022  
at 6pm**

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

## 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



## 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!**



19:30-20:30  
Wednesday  
9 November 2022

Stuart Farmer

Stuart is IOP Education Manager in Scotland.

### 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.

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.

### 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/>

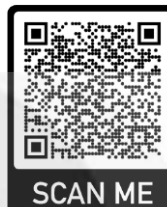


SCAN ME

### 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

## ASE Scotland webpage

The webpage 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.



<https://www.ase.org.uk/ase-scotland-homepage>

# 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/membership-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.