

# Early Career Secondary Science Network - Year 1

Practical science is an important part of every science teacher's training. Unfortunately the current circumstances have meant that trainees, NQTs and RQTs have not had the same experience to develop their practical teaching and an opportunity to address this with hands on experience forms a key element of this network. We are planning a 2 year programme to support our *'early career secondary science network'* which sits alongside and enhances the Early Career Framework. This leaflet outlines the details for Year 1.

## How will this benefit your school?

- Additional subject specific practical skills training for your teachers
- Teachers will join a network of other early career science teachers from across the West Midlands
- Immediate assistance with questions from experienced practitioners via our STEM Community online group
- Retain high quality staff as they are being invested in



For Year 1 we have two packages of support available of either full or half day face-to-face practical work focussed CPD plus termly remote twilight CPD and discussion sessions on the following topics with suggested dates:

- Developing science teaching - evidence informed practice - 6th October 2021
- Literacy - reading in science - 18th January 2022
- Embedding retrieval practices - 28th April 2022

Wrap around support includes access to STEM Community groups with expert advice on hand, STEM Club Champions and STEM Ambassadors.

Year 2 remote twilight CPD topics could include misconceptions and threshold concepts, literacy - writing in science and raising awareness of Science Capital. The practical sessions for Year 2 will follow on from the common practicals covered in Year 1.

## North Midland and Black Country Science Learning Partnership

### Potteries Educational Trust

c/o City of Stoke-on-Trent Sixth Form College

Leek Road, Stoke-on-Trent, ST4 2RU

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# Early Career Secondary Science Network Subscription Options

## Year 1 - Option 1 - £450 per teacher

**Three full days of practical CPD—one per half term for the first three half terms on these topics**

- Biology
- Chemistry
- Physics

These will explore common practicals, common misconceptions surrounding these practicals, trouble shooting tips and links to required practicals and exams.  
(Lunch and refreshments included)

“Brilliant demonstrations and explanations for non-specialists —  
very helpful”

Teacher attending training in March 2021

## Year 1- Option 2 - £300 per teacher

**Three half days of practical CPD—one per half term for the first three half terms on these topics**

- Biology
- Chemistry
- Physics

These will explore common practicals, common misconceptions surrounding these practicals, trouble shooting tips and links to required practicals and exams.

“I have needed to attend practical demonstrations for a while now and this session was a great way to learn”

Teacher attending training in Nov 2020

**To subscribe to the network please**

**Email Sue Hawley [shawley@potteries.ac.uk](mailto:shawley@potteries.ac.uk)**

**Confirm if you wish to subscribe for:**

**Option 1—3 x Full days £450 or**

**Option 2—3 x Half days £300**

**Once confirmed you will be sent the booking link for the events and any discount codes to apply.**

# What are you looking for?

## PROFESSIONAL DEVELOPMENT

We offer high-impact professional development across the UK, and online, based on the latest developments in both pedagogy and STEM subjects. We can also tailor professional development to your school's specific needs with our bespoke CPD.

## CAREERS EDUCATION

As well as a host of excellent resources on our website including the Careers Toolkit, we also run the STEM Insight programme to give you a unique experience in industry or university through inspiring placements.

## INSPIRATION

We've got a host of ways to help you inspire your students: why not bring a STEM Ambassador into your school to talk about STEM subjects and careers, or start a STEM Club to build confidence and teamwork skills?

## COMMUNITY

Share your ideas and challenges with teachers and technicians through our online groups and at our networking events. And join us on Twitter - we have over 20,000 like-minded educators following us.



National STEM Learning  
Centre and Network

## RECOGNITION

Our recognition schemes and awards allow you, your department and school to showcase the impact you have on your students and colleagues.

## RESOURCES

We have over 38,000 quality, STEM teaching resources, available online or at our centre. You can also browse teacher-made resources and submit your own.

STEM Learning operates the National STEM Learning Centre and Network, alongside other projects supporting STEM education

[www.stem.org.uk](http://www.stem.org.uk)