



SCIENCE LEARNING PARTNERSHIP

COURSE BROCHURE

January to March 2021



WELCOME

STEM Learning's vision is a world-leading STEM (Science, Technology, Engineering, and Maths) education for every young person in the UK. This vision combines knowledge-rich and effective teaching, thinking, investigative, creative and practical skills.

STEM subjects are seen as critically important to the UK's future economic success post COVID-19. STEM Learning is a UK-wide organisation and the largest provider of education and careers support in STEM. We work with thousands of schools, colleges and employers to promote all aspects of STEM to young people, so they are more likely to choose STEM careers in the future, while ensuring industries that employ STEM-educated role models (STEM Ambassadors), are meaningfully linked to schools, to inspire a new generation, giving young people the future skills they need.

Investing in science and computing teachers is crucial to the overall vision. STEM Learning helps teachers and teaching support staff to access high quality continuing professional development (CPD) that has demonstrated measurable impact on teachers, their students and their schools. Teachers can access CPD support through intensive residential CPD, local sessions from our unique UK-wide Science Learning Partnership (SLP) network and National Centre for Computing Education (NCCE) Computing Hub network plus a number of online formats.

Quality CPD has been shown to encourage teacher retention: science teachers are 160% more likely to remain in the profession if they take part in our CPD, rising to 190% for newly qualified teachers.

STEM Learning delivers over 50,000 days of CPD each year. The challenges COVID-19 has created led STEM Learning to drive forward new remote and online CPD support for teachers and support staff, helping teaching staff become more confident, supporting their well-being, in addition to helping them teach more effectively in the classroom improving outcomes for young people.

We hope that you will be able to utilise this support that the SLPs in the South East, London and South West, along with the NCCE Computing Hubs and the STEM Ambassador Hubs are able to provide and help us to continue to support schools and colleges by increasing the awareness of the excitement and opportunities a career in STEM can bring to all young people, irrespective of background and gender.

Heidi Foxford, Shelley Hancock and Dr Ajay Sharman

Regional Leads for STEM Learning Ltd



OVERVIEW OF SLPs ACROSS SOUTH OF ENGLAND

As schools face the challenges of reopening, your local SLPs are here to support you. Working with our colleagues across the South, we are really pleased to be able to offer you a large range of remote courses this term.

Our facilitators are committed to deliver affordable CPD that meets your needs and has a positive impact for both teachers and students. In addition to the online courses advertised, we will be holding regular teacher network meetings to discuss current issues and share good practice.

We look forward to meeting teachers at our future events and if possible, please share this CPD information with colleagues. It is only through your support that we can offer these courses at reduced prices and please do not hesitate to contact us should you require more bespoke training for your department or school.

Welcome to SLP's located across South of England



Cornwall SLP

Truro and Penwith College, TR1 3XX
E: cornwall-slp@truro-penwith.ac.uk
T: 01872 267000



Dorset & South Wiltshire SLP

Queen Elizabeth's School, BH21 4DT
E: mhoward@queenelizabeths.com
T: 01202 885233



Sussex SLP

Downlands Academy, BN6 8LP
E: SussexSLP@downlands.org
T: 01273 845892



Central & West London SLP

Westminster Academy, W2 5EZ
E: a.memon@westminsteracademy.org.uk
T: 02071 210600



Devon SLP

Broadclyst Community Primary School, EX5 3JG
E: phoebe.davies@tcat.education
T: 01392 461288



Hampshire & Isle of Wight SLP

St George Catholic School, SO16 3DQ
E: slp@stgcc.co.uk
T: 02380 322603



Kent & Medway SLP

Rainham Mark School, ME8 7AJ
E: thestemhub@canterbury.ac.uk
T: 01227 922662



North & East London SLP

Alexandra Park School, N11 2AZ
E: nelondon-slp@alexandrapark.school
T: 02088 264914



Somerset SLP

Somerset Partnership Teaching School (Fiveways School), BA21 5AZ
E: officespts@educ.somerset.gov.uk
T: 01935 411384



Surrey SLP

George Abbot School, GU1 1XX
E: gsutton@gepacademies.com
T: 01483 888047



South London SLP

Newstead Wood School, BR6 9SA
E: slp@newsteadwood.co.uk
T: 01689 853626 ext 336



South Central SLP

St Clement Danes School, WD3 6EW
E: enquiries@hertsandbucksta.co.uk
T: 01923 284169



TECHNICANS

Technicians: Maintaining your prep room

This course will be facilitated by Simon Quinnell, who is a national leading expert on School Science Technicians and Science Technical services. Maintaining a science prep room can pose a number of challenges. Explore strategies to organise your prep room in an efficient way to maximise the operational side of delivering practical science lessons. You will look at ways to streamline practical requests as well as how to document inventories and safety considerations.

Outcomes

You will be able to:

- arrange your prep room to be manageable in an order that is safe and time efficient
- organise time management of technicians working in the prep room
- look at different practical requisitions or booking forms
- successfully record inventories and equipment
- ensure you have the documentation you need in the prep room to help you work safely

The course duration is 5 hours and is delivered with 3 hours of facilitated and 2 hours of participant gap tasks.

1st Instance

Course consists of 3 facilitated sessions, starting on:

TUESDAY 12 JANUARY at 11:00-12:00

Then follows as:

TUESDAY 26 JANUARY at 11:00-12:00
TUESDAY 02 FEBRUARY at 11:00-12:00

To book your place visit: <https://bit.ly/techmaintainingyourpreproomjan21>

2nd Instance

Course consists of 3 facilitated sessions, starting on:

TUESDAY 23 FEBRUARY at 10:00-11:00

Then follows as:

THURSDAY 04 MARCH at 10:00-11:00
TUESDAY 16 MARCH at 10:00-11:00

To book your place visit: <https://bit.ly/techmaintainingyourpreproomfeb21>

Online Platform: Adobe Connect

Cost: Maintained School: £100 | Non-Maintained School: £200

TECHNICANS

Technicians Health and Safety

This course will be facilitated by Simon Quinnell, who is a national leading expert on School Science Technicians and Science Technical services.

Technicians are at the heart of every science department, playing a crucial role in supporting effective practical work. With this comes a role in ensuring that the department is safe. Develop a good foundation for carrying out effective health and safety, to support you in your job, but also to support teachers and students.

Outcomes

You will be able to:

- Understand the key areas of concern in science departments
- Identify good practice in risk assessments for technician and teacher activities
- Use good practice to audit labs, prep rooms and stores

The course duration is 3 hours and is delivered with 2 hours of facilitated and 1 hour of participant gap tasks.

1st Instance

Course consists of 2 facilitated sessions, starting on:

TUESDAY 09 FEBRUARY at 11:00-12:00

Then follows as:

THURSDAY 11 FEBRUARY at 11:00-12:00

To book your place visit: <https://bit.ly/techhealthsafetyfeb21>

2nd Instance

Course consists of 2 facilitated sessions, starting on:

FRIDAY 19 MARCH at 14:00-15:00

Then follows as:

WEDNESDAY 24 MARCH at 14:00-15:00

To book your place visit: <https://bit.ly/techhealthsafetymar21>

Online Platform: Adobe Connect

Cost: Maintained School: £60 | Non-Maintained School: £120

"I wouldn't miss one of your networks. It is the best CPD around. Sharing classroom practice with other teachers that know and understand the issues."

Sussex SLP

TECHNICANS

Technicians : Setting up your own STEM Club

This course is an introduction to running a successful STEM Club in school as a technician. The sessions will provide information about how to recruit members to your club, how to plan activities to engage and enthuse students and some sample activities and resources to get you started.

Outcomes

You will be able to:

- understand how to set up your STEM Club in terms of management and recruitment of students
- plan your STEM club activities to enthuse and encourage students into STEM subject areas
- explore some activities that will enable you to get your STEM Club started

The course duration is 6 hours and is delivered with 3 hours of facilitated and 3 hours of participant gap tasks.

1st Instance

Course consists of 3 facilitated sessions, starting on:

TUESDAY 26 JANUARY at 16:00-17:00

Then follows as:

TUESDAY 02 FEBRUARY at 16:00-17:00

TUESDAY 09 FEBRUARY at 16:00-17:00

To book your place visit: <https://bit.ly/techsettingupstemclubjan21>

2nd Instance

Course consists of 3 facilitated sessions, starting on:

TUESDAY 09 MARCH at 16:00-17:00

Then follows as:

TUESDAY 16 MARCH at 16:00-17:00

TUESDAY 23 MARCH at 16:00-17:00

To book your place visit: <https://bit.ly/techsettingupstemclubmar21>

Online Platform: Adobe Connect

Cost: Maintained School: £110 | Non-Maintained School: £220

"Realistic! High impact, low effort, identifying any barriers and useful strategies to take away"

South Central SLP



STEM Ambassador Programme

Who are STEM Ambassadors?

STEM Ambassadors include people from a range of disciplines and backgrounds, including engineers, designers, architects, scientists and technicians. They help bring a new and inspiring perspective to STEM lessons and career opportunities.

What do they do?

We work with over 30,000 STEM Ambassadors from more than 2,500 different employers. They volunteer their time, enthusiasm and experiences to encourage and inspire young people to progress further in science, technology, engineering and mathematics (STEM) subjects.

Through a range of activities, including presentations, mentoring and careers talks, STEM Ambassadors play an essential role in inspiring the next generation with the world of STEM subjects and careers. Their support isn't just limited to the classroom - you can invite a STEM Ambassador into your STEM Club, employer, or youth and community group.

Our network of 19 STEM Ambassador Hubs coordinate the volunteering opportunities of over 30,000 STEM Ambassador volunteers across the UK

STEM Ambassador Hubs offer a range of support, opportunities and local expertise. They develop links between groups and individuals working to enhance young people's STEM education.

Whether you are a teacher, group leader, STEM Ambassador or employer, your local STEM Ambassador Hub is available to support you with anything related to the STEM Ambassador programme.

To find your local STEM Ambassador visit: <https://www.stem.org.uk/stem-ambassadors/local-stem-ambassador-hubs>





www.thestemhub.org.uk
E: thestemhub@canterbury.ac.uk
T: 01227 922662

@STEMHUB_SE #STEMHUB

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