

**HAMPSHIRE & DORSET  
SCIENCE LEARNING PARTNERSHIP**

# SECONDARY SCIENCE COURSES

**Autumn Term**

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## HAMPSHIRE & DORSET SLP

Science Learning Partnerships are your local curriculum hubs for Science. Hampshire and Dorset SLP is led by Thornden School in Hampshire, which is part of HISP Multi-Academy Trust. As a SLP we work collaboratively with schools across the region, combining local expertise in primary, secondary and post-16 teaching and learning in science, facilitating CPD, and providing school to school support.

More information can be found at:

<https://www.thornden.hants.sch.uk/sciencelearningpartnership>

## WELCOME FROM STEVE SMITH

A warm welcome from the team at Hampshire and Dorset Science Learning Partnership. We hope that you had a good summer break.

As the new Hampshire and Dorset SLP lead school we look forward to working with teachers and schools across the region this year.

Our main aim is to be able to support you at every step of your career through local, affordable, outstanding CPD that meets your needs and has a lasting impact. As you can see from this brochure we have a great selection of CPD sessions and networks to choose from being lead by experienced facilitators.

Through a collaborative partnership with SLPs across the South East we are able to offer an extensive range of online courses. In addition, please contact us if you require any bespoke science CPD for your trust or school.

I hope to be welcoming you on one of our training events this term.

### Steve Smith

*Hampshire and Dorset SLP Lead*



# USING THE OFSTED RESEARCH REVIEW:

## SCIENCE TO MOVE YOUR CURRICULUM TOWARDS EXCELLENCE

THURSDAY 3 NOVEMBER | 10am - 3pm

Following the publication of the Ofsted Research Review: science in 2021, this course is designed to enable participants, from any phase, to review their curriculum against the key messages. The course will highlight the key findings and provide a facilitated forum for sharing ideas with peers. Participants will work together, evaluating their curriculum against Ofsted's findings and planning the next steps in the development of their curriculum. PDL support will be available to begin any re-design process following this evaluation.



**SUBSIDY of**  
**£100**  
**available\***

By attending this session you will:

- Become familiar with the key findings of the OFSTED Research Review: science
- Discuss implications with peers within and across phases
- Be able to review their curriculum against the findings
- Begin, with support if required, to develop their curriculum in the light of the evidence presented.

Location: Tanners Brook Primary School, Southampton, SO15 4PF

Cost: Maintained: £185\* | Non-Maintained: £370

**Face to Face Course**

**Book Now**

\*Teachers at maintained schools can access a £100 subsidy for this course which is paid back directly by STEM Learning after attending the course. Please use this link <https://forms.office.com/r/1ZFwNYEKwi> to register your interest and we will send you a discount code to use when you book your place on the STEM Learning website.

# Enriching Science Pedagogy Series

This course series explores and exemplifies some of the key recommendations from the EEF's 'Improving secondary science' and 'Metacognition and self-regulated learning' guidance reports, as well as the 'Cognitive science approaches in the classroom' systematic review.

These 3 workshops aimed at KS3/4 science teachers. Participants will develop an understanding of evidence informed approaches they can use back in the classroom to refine their practice.

**VIRTUAL**

Book for all 3 to gain real immersion in the enriching science pedagogy or pop into individual workshops for help with a particular focus.

**Cost for maintained schools:**  
£20 per course or £40 for all three courses

Taking place virtually using

**BOOK ENRICHING SCIENCE  
PEDAGOGY SERIES**

## Metacognition

TUESDAY 22 NOVEMBER | 4pm - 5pm



By the end of the session you will have a greater understanding of:

- What metacognition and self-regulation means
- Strategies to help pupils direct their own learning
- How to promote metacognitive talk in the classroom

**BOOK NOW**

## Memory & Cognitive Science

TUESDAY 29 NOVEMBER | 4pm - 5pm



By the end of the session you will have a greater understanding of:

- How to support pupils to retrieve and retain knowledge
- How to manage cognitive load
- Approaches to working with schemas

**BOOK NOW**

## Misconceptions and modelling

TUESDAY 6 DECEMBER | 4pm - 5pm



By the end of the session you will have a greater understanding of:

- How to identify and address pupil misconceptions
- Using models to support understanding
- Effective approaches to feedback

**BOOK NOW**



## EDUCATION RECOVERY: SUPPORTING DISADVANTAGED LEARNERS IN SCIENCE

School closures due to COVID-19 have impacted more negatively on disadvantaged learners than non-disadvantaged peers. This course brings together the findings from research on the barriers to the progress of disadvantaged learners and identifies the areas where they are likely to have impact in the classroom. Strategies to support learners with aspects of literacy, scientific reasoning and metacognition are explored with participants also sharing their own good practice.

### You will be able to:

- Increase familiarity with the research evidence linked with supporting disadvantaged learners
- Develop strategies and resources to support disadvantaged learners in science
- share good practice and identify actions to best support disadvantaged

**TUESDAY 12 October & 9 November | 4pm - 5pm**



Remote Online Platform: Microsoft Teams

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

**BOOK NOW**

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For more information, email [c.langley@hispmat.org](mailto:c.langley@hispmat.org)



# Inspiring the next generation

Placing talented young people at the heart of your organisation with a research placement



Contact us at [stem.org.uk/](https://stem.org.uk/)  
[nuffield-research-placements](https://nuffield-research-placements.org/)

supported by



# Subject Knowledge Enhancement Biology KS4 Series

The Subject Knowledge Enhancement Biology courses is aimed at KS4 biology teachers, however if you are looking to improve your subject knowledge then they are suitable for biology teachers teaching at KS3 & KS5.

Ideal for non-specialists (those teaching biology outside their degree specialism), early-careers teachers, NQTs, trainees are also welcome looking to deepen their understanding and refreshing your skills.

These 3 workshops will help you gain confidence in your understanding of biology and your ability to teach it engagingly. You will be introduced to lots of ideas and resources to help in your teaching and you will have the opportunity to ask questions.

Book for all 3 to gain real immersion in the subject or pop into individual workshops for help with a particular topic.

**Cost for maintained schools:**  
£20 per course or £50 for all three courses

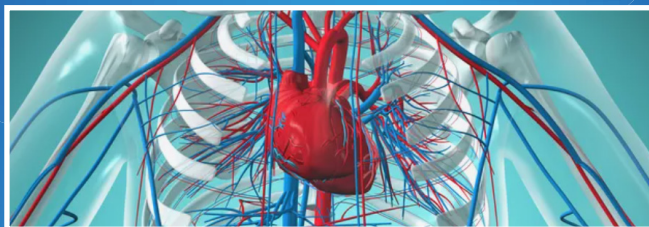
Taking place virtually using  
MS Teams

**VIRTUAL**

**BOOK BIOLOGY KS4 SERIES**

## Cardio vascular system Workshop 1:

TUESDAY 22 November | 4.30pm - 6pm

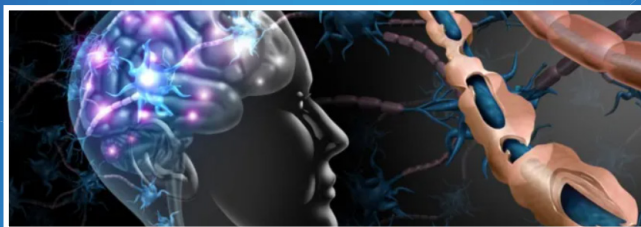


In this session together we will explore the knowledge to support your confidence in delivering lessons about the cardio vascular system and how this relates to other systems in organisms. This will include the structure of the heart, blood vessels lungs and the implications of heart disease. We will look at practical implications of dissections. and how the cardiovascular system is linked to other areas of science.

**BOOK NOW**

## Control & Coordination Workshop 2:

TUESDAY 29 November | 4.30pm - 6pm



In this session together we will explore the knowledge to support your confidence in delivering lessons about control and coordination in organism This will include the nervous system structure and function, nerve responses, reflex arcs, neurotransmitters and the differences between hormonal and nerve control. We will also cover the single biology content on the brain and eye.

**BOOK NOW**

## Ecosystems Workshop 3:

TUESDAY 6 December | 4.30pm - 6pm



In this session together we will explore the knowledge to support your confidence in delivering lessons about ecosystems including ecology, adaptations, interdependence competition, biodiversity and the impact of humans and the rest! Often a challenging topic to teach, but as young people become more engaged in climate change one that can support their understanding.

**BOOK NOW**



# Subject Knowledge Enhancement Chemistry KS4 Series

The Subject Knowledge Enhancement Chemistry courses is aimed at KS4 chemistry teachers, however if you are looking to improve your subject knowledge then they are suitable for chemistry teachers teaching at KS3 and KS5. Ideal for non-specialists (those teaching chemistry outside their degree specialism), early-careers teachers, NQTs, trainees are also welcome looking to deepen their understanding.

These 3 workshops will help you gain confidence in your understanding of chemistry and your ability to teach it engagingly. You will be introduced to lots of ideas and resources to help in your teaching and you will have the opportunity to ask questions.

Book for all 3 to gain real immersion in the subject or pop into individual workshops for help with a particular topic.

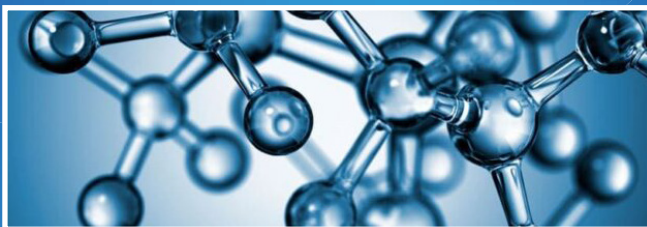
**Cost for maintained schools:**  
£20 per course or £50 for all three courses

Taking place virtually using  
Zoom

**VIRTUAL**

**BOOK CHEMISTRY SERIES**

## Structures & Bonding Workshop 1: TUESDAY 4 October | 4pm - 5pm



In this workshop we will look at the different models and strategies used to teach ionic, covalent and metallic bonding. We will explore how these different types of bonding and structures are related to the properties of substances, unpicking some common misconceptions along the way.

**BOOK NOW**

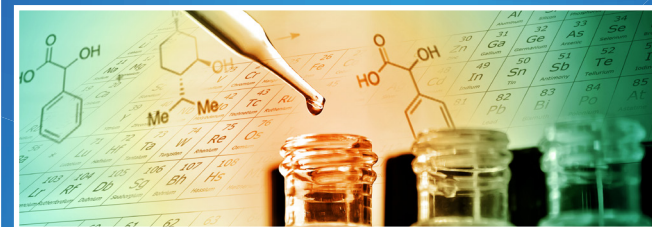
## Organic Chem Workshop 2: TUESDAY 11 October | 4pm - 5pm



The processing of crude oil to produce fuels, polymers and various other useful substances requires an understanding of several chemistry concepts, linking several areas of the GCSE syllabus. In this workshop we will look at how crude oil is separated by fractional distillation, the structures and properties of different hydrocarbons, and how cracking produces smaller, more useful

**BOOK NOW**

## Chemical Changes Workshop 3: MONDAY 17 October | 4pm - 5pm



In this workshop we will look at the process of electrolysis, including the electrolysis of molten ionic compounds, extracting metals, and the electrolysis of aqueous solutions. This will include how to represent the reactions at the electrodes as half equations.

**BOOK NOW**

# Subject Knowledge Enhancement Biology KS5 Series

The Subject Knowledge Enhancement Biology courses is aimed at teachers at all stages of their teaching biology including teachers new to teaching at KS5 and especially teaching an area of KS5 not covered before.

Ideal for non-specialists (those teaching biology outside their degree specialism), early-careers teachers, NQTs, trainees are also welcome looking to deepen their understanding, refreshing your skills and teachers who wish to develop their teaching at KS4.

These 3 workshops will help you gain confidence in your understanding of biology and your ability to teach it engagingly. You will be introduced to lots of ideas and resources to help in your teaching and you will have the opportunity to ask questions.

**VIRTUAL**

Book for all 3 to gain real immersion in the subject or pop into individual workshops for help with a particular topic.

**Cost for maintained schools:**  
£20 per course or £50 for all three courses

Taking place virtually using  
MS Teams

**BOOK BIOLOGY KS5 SERIES**

## Respiration Workshop 1:

THURSDAY 10 November | 4.30pm - 6pm



In this session together we will explore the knowledge to support your confidence in delivering lessons covering the topic of respiration.

This will include the structure of mitochondrion glycolysis, the Krebs/Citric Acid cycle, electron transport, chemiosmosis and the differences caused by aerobic and anaerobic respiration.

**BOOK NOW**

## Photosynthesis Workshop 2:

THURSDAY 1 December | 4.30pm - 6pm



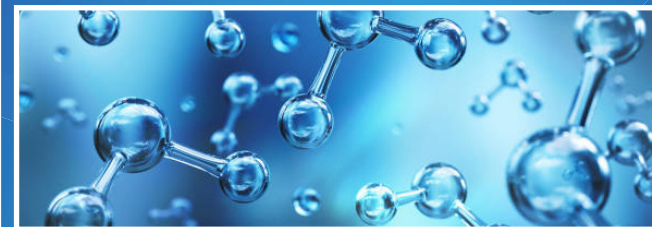
In this session together we will explore the knowledge to support your confidence in delivering lessons covering the topic of photosynthesis.

This will include the structure of chloroplasts, and the light dependent and independent stages. We will also explore the practical implications of chromatography and working with algal beads.

**BOOK NOW**

## Biological molecules Workshop 3:

THURSDAY 8 December | 4.30pm - 6pm



In this session together we will explore the knowledge to support your confidence in delivering lessons covering key aspects of biological molecules that underpin much of the understanding of Biology at Key Stage 5.

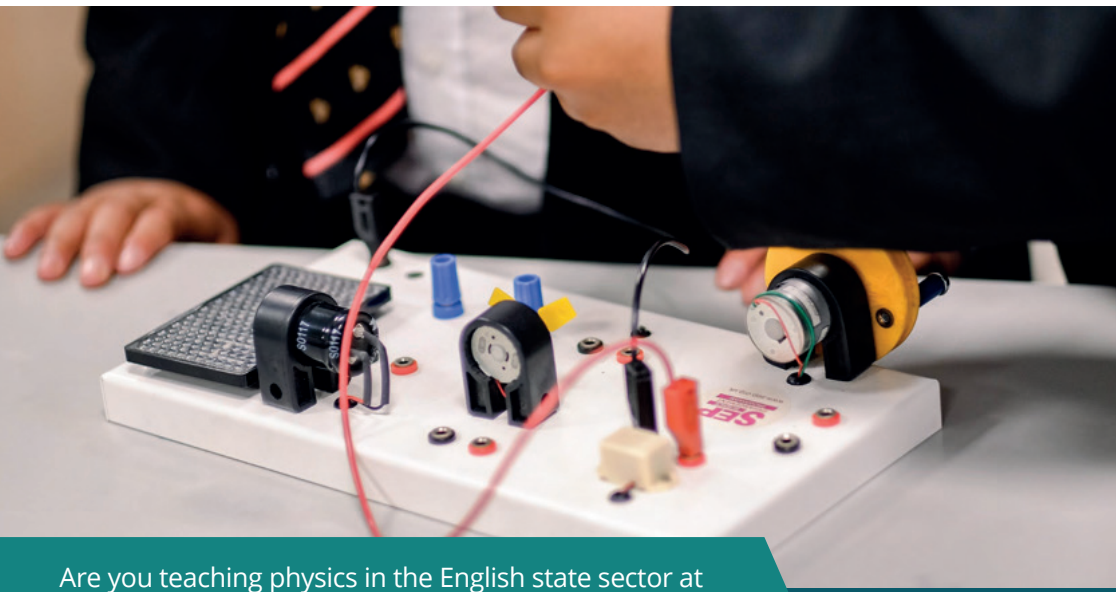
This will include carbohydrates, lipids, proteins and nucleic acids. We will also explore the properties of water and its importance.

**BOOK NOW**



# SKPT

## Subject Knowledge for Physics Teaching



Are you teaching physics in the English state sector at KS3 or KS4 without physics specialism?

Do you want to develop your subject knowledge, pedagogy & confidence in the classroom?

### FREE subject knowledge CPD

In completing SKPT, teachers will:

- develop skills & confidence in delivering lessons that bring physics to life in their classroom.
- consider mathematical problem solving, conceptual challenges, practical work & pedagogical reflections.
- be part of a supportive learning network led by experienced physics teachers & trainers.

Find out more about the programme and the modules available [www.ogdentrust.com/SKPT](http://www.ogdentrust.com/SKPT)



The **SKPT** programme comprises six modules. A selection of modules will be available each term; build your professional portfolio with the modules you need.

Each **SKPT** module will require up to 20 hours of learning over approximately eight weeks.

Modules will be led by a subject specialist & will include face-to-face sessions, online tutorials & independent learning.

On completion of a module, a £200 bursary will be available to the school (subject to conditions) as a contribution towards teacher cover costs & participants will be awarded digital badges.

FREE blended learning CPD for teachers (KS3 & KS4) within the English state sector who want to develop their physics subject knowledge & pedagogy

October – December 2022

**ELECTRICITY**



**WAVES**



February – April 2023

**MATTER & SPACE**



**ENERGY**



May – July 2023

**ATOMIC PHYSICS**



**FORCES**



The delivery of the SKPT course has been brilliant. The in-person sessions and all the support online has been thought-provoking and enabled me to reflect on my current strengths and weaknesses and to approach improvement head-on.

Helen Assinder, Teacher of Science, La Retraite Roman Catholic Girls' School



Visit [www.ogdentrust.com/SKPT](http://www.ogdentrust.com/SKPT) for more information about the programme and to sign up.



Delivered by



# MAXIMISING LEARNING IN PRACTICAL SCIENCE

THURSDAY 24 NOVEMBER | 10am - 3pm

The Gatsby Good Practical Science report is the starting point for this course as schools return to embedding hands-on practical science into their curriculum delivery.

You will develop tools and strategies to ensure that practical work that you incorporate into your teaching / curriculum is purposeful and builds on prior learning. You will also consider the importance of apparatus and techniques and working scientifically and you will reflect on your coverage of these areas in your own curriculum.

You will look at some required practicals and plan progression through the curriculum from the perspective of both substantive and disciplinary knowledge that is required to be developed for the practical to be completed successfully. There will also be consideration of the demands of some practical activities and strategies that can be introduced to reduce the cognitive load of the task.

Finally you will consider the facilities and technical support that is required for effective practical science. You will reflect on your own setting and share ideas and good practice about issues you may have with lab space and facilities.



Face to Face Course

The course is suitable for early career and established teachers as well as subject leaders. There will be some differentiation of tasks during the course depending upon your role.

By the end of the course you will be able to:

- identify the strengths and areas of development for your teaching / curriculum provision against the Gatsby Practical Benchmarks
- evaluate your secondary science teaching / curriculum to determine how well you develop progression of disciplinary knowledge to support higher student attainment in core
- support students in practical activities by considering the demands and using tools and strategies to reduce cognitive load
- consider strategies to overcome challenges in your own context in delivering effective practical science

Location: Thornden School, Chandler's Ford, Eastleigh SO53 2DW

Cost: Maintained £185\* | Non-Maintained £370

**SUBSIDY of**  
**£100**  
available\*

**BOOK NOW**

\*Teachers at maintained schools can access a £100 subsidy for this course which is paid back directly by STEM Learning after attending the course. Please use this link <https://forms.office.com/r/1ZFwNYEKwi> to register your interest and we will send you a discount code to use when you book your place on the STEM Learning website.



# BRAND NEW: GREEN CAREERS WEEK

7<sup>TH</sup>-12<sup>TH</sup> NOVEMBER 2022



National Careers Week



## PROTECTING OUR PLANET DAY

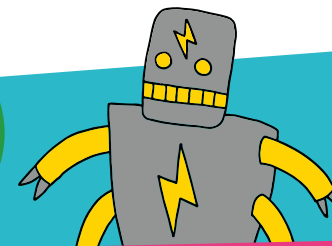
10 November  
2022

Inspiration, activities,  
innovators and experts.  
Guests of UK's Climate  
Change Educational  
Partnership.

presented by



{code  
club}

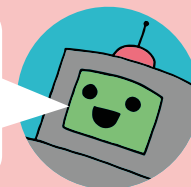


## START A CODE CLUB IN YOUR SCHOOL!

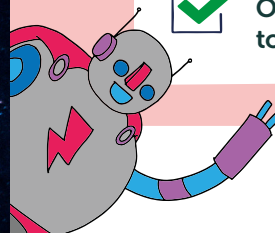
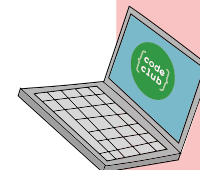
It's easy to get your school coding! Code Club provides everything you need to run coding clubs for 9- to 13-year-olds with free, step-by-step project guides for learning Scratch, Python, and HTML/CSS.

"I run a Code Club in our school for children in Year 5 and 6, which is always popular. Code Club activities encourage learning independence, and the children love to share the games they've coded with each other."

**Jill, Teacher**



- ✓ Code Club is free
- ✓ Code Club offers engaging, hands-on activities that have been designed to spark curiosity and inspire creative thinking
- ✓ Our free online training is perfect for teachers who are new to coding or are starting a Code Club for the first time



Join Code Clubs across the world giving young people opportunities to have fun while learning to code!

**Get involved at [codeclub.org](https://codeclub.org)**

Code Club is part of the Raspberry Pi Foundation (registered charity no. 1129409)



# Helping you teach computing



## Autumn Computing CPD



*High-quality CPD and support for primary and secondary teachers*

The National Centre of Computing Education (NCE) is funded by the Department for Education

### Higher attainment in computer science (remote course) 12 October 2022

This evidence-based CPD aims to raise knowledge of how to achieve the most out of your students, whilst preparing for their GCSE exams in computer science. Whether you're already teaching computer science or completely new to the subject, this course is designed to support you to increase student attainment at GCSE level.

[Book here](#)

### Preparing for Ofsted in secondary computing (remote course) 20 October 2022

Avoid unnecessary strain and workload in anticipation of an inspection, by joining this short CPD. You'll find out what Ofsted are looking for and, just as importantly, what they don't expect departments to produce – separating evidence from myth.

[Book here](#)

### An introduction to algorithms, programming and data in computer science (remote course) 1 November 2022

Create some simple block-based computer programs and discover how to implement them in the text based language Python. This course is aimed at prospective teachers of computer science who may be new to the subject, or who may teach computing in earlier years.

[Book here](#)



### Python programming constructs – sequencing, selection and iteration (remote course) 15 November 2022

Take your first steps to becoming a competent teacher of Python programming; this CPD will develop your foundational knowledge around the Python language. Learn how to write code to input, process and output data, and how to manipulate data stored in variables.

[Book here](#)

### Supporting GCSE computer science students at grades 1-3 (remote course) 10 December 2022

This evidence-based CPD aims to raise knowledge of how to achieve the most out of your students in GCSE computer science. Whether you're already teaching computer science or completely new to the subject, this course will explore key terminology, mathematical skills and how to make them accessible to students working towards GCSE grades 1 - 3.

[Book here](#)

## Your local computing hubs

The South East is well served by four NCCE computing hubs, at **Bohunt School**, **Dartford Grammar School**, **Maidstone Grammar School for Girls** and **Newstead Wood School**.

Working with schools and colleges across the South East, the hubs offer an exciting programme of professional development and subject support across primary and secondary key stages 1 to 5.

Contact your local hub to find out how our expert team can support your school or trust.



### High-quality CPD

Teachers gain nationally recognised certificates with subsidies available to enable participation



### Curriculum resources

The Teach Computing curriculum has everything you need to teach computing at key stages 1 to 4.



### Physical computing kits

Teach Crumble, Micro:bit or Raspberry Pi in your classroom with one of our loan computing kits.



### Free needs analysis

Meet with one of our subject matter experts and create an action plan for your school.



#### Dartford & East Sussex

teachcomputing@dartfordgrammarschool.org.uk  
@NCCSouthEast



#### Maidstone & Kent

teachcomputing@mggs.org  
@CompHubKent



#### London, Surrey & West Sussex

teachcomputing@newsteadwood.co.uk  
@teachcomp\_se



#### West Sussex & Hampshire

teachcomputing@bohunt.hants.sch.uk  
@BohuntNCCHub

Visit [teachcomputing.org/courses](https://teachcomputing.org/courses) for more secondary computing CPD



# NETWORK MEETINGS

## EARLY CAREER TEACHER NETWORK MEETING

TUESDAY 1 November | 3.45pm - 4.45pm

VIRTUAL

### Establishing a positive climate for learning- Practical work in science

The aim of this network is to contextualise the 5 core areas of the Early Career Framework - 'What does this look like in the science classroom?'. These webinars will provide the opportunity to reflect on and refine your practice, share good practice, network with other science ECTs across the South / South East region, and to signpost you to useful resources.

Remote Online Platform: Zoom

Cost: FREE\*

BOOK NOW

## HEAD OF SCIENCE NETWORK MEETING

THURSDAY 20 October | 4pm - 5pm

VIRTUAL

If you are new or an established Head of science then please come and join us for our first Heads of Science online meeting this year. This will be an opportunity to review results and look at strategies for evaluation and planning improvements.

Currently we are all facing issues with recruitment and retention of Science teachers. In this first meeting we will share effective strategies for improvement and how we support/train inexperience or non-specialised teachers.

Remote Online Platform: Microsoft Teams

Cost: FREE\*

BOOK NOW

\*Please note if you do sign-up and do not attend there is a £25 non-attendance charge (unless you inform us prior to the meeting).

## TOP TIPS FOR SOUTH EAST TECHNICIANS

TUESDAY 27 September | 1.45pm - 2.45pm

VIRTUAL

The technician network has expanded recently working collaboratively with Science Learning Partnership's across the South East. These will be taking place virtually every term and providing local face-to-face meetings across the South East working towards an blended approach.

The technician network is FREE to attend\* and we welcome any technicians who would like to attend.

The agenda includes: welcome back to the new academic year; Open evening activities; Local training needs and courses you would like to see in the coming academic year.

Remote Online Platform: Microsoft Teams

Cost: FREE\*

BOOK NOW

## POST-16/ FURTHER EDUCATION NETWORK MEETING

THURSDAY 22 September | 3.30pm - 4.30pm

VIRTUAL

This is an opportunity to collaborate with your peers so you can share information, ideas, resources and strategies to develop your teaching. You will be provided with expert help from science practitioners and consultants to identify priority issues, signpost support and will be able to develop solutions, drawing on the expertise of others within the group.

The network will explore various topics in different meetings, focusing on current and emerging priorities. It is suitable for anyone involved with delivering and/or leading science courses within the post 16/further education sector.

Remote Online Platform: Zoom

Cost: FREE\*

BOOK NOW

\*Please note if you do sign-up and do not attend there is a £25 non-attendance charge (unless you inform us prior to the meeting).

# STEM CLUBS WORKSHOP

Local STEM Club Champion across England are delivering FREE CPD workshops for state-maintained secondary schools and FE colleges. Delivering CPD both face-to-face and remotely, they offer local support to your school to sustain and grow STEM-related clubs out-of-timetable for students. Lunchtime, after school, weekend and holiday clubs enhance and enrich the curriculum.

## GETTING STARTED

THURSDAY 18 October | 4pm - 6pm

STEM Clubs are an ideal opportunity to enrich secondary schools' student learning, understanding and enjoyment of STEM subjects, helping to improve skill sets through fun and creative extra-curricular sessions. Utilising the knowledge of experienced club leaders, this workshop explores best practice, ideas, opportunities, hints, tips and advice that will assist new and inexperienced club leaders to maximise the benefits a STEM Club can bring to students, schools and themselves.

Remote Online Platform: Microsoft Teams

Cost: FREE

**BOOK NOW**

**VIRTUAL**

## HOW TO BE SUCCESSFUL AND THRIVING

WEDNESDAY 5 & MONDAY 10 October | 4.30pm - 5.30pm

This remote learning workshop is for STEM Club leaders who have been running a club for a while (18 months or more) and want to help their club to flourish into the foreseeable future. It looks at different ways of running a STEM club, what a thriving and successful Club is like, how to maintain interest in the young people who attend, how to enhance the STEM experience and maximise the impact on the students attending the club whilst keeping running a club manageable in your workload.

Remote Online Platform: Microsoft Teams

Cost: FREE

**BOOK NOW**

**VIRTUAL**

## 50+ STEM ACTIVITIES FOR ANY SECONDARY CLASSROOM



A selection of activities that can be done in any classroom, with very little equipment. These can be run outside of normal curriculum time, or as part of a science, mathematics, or D&T lesson



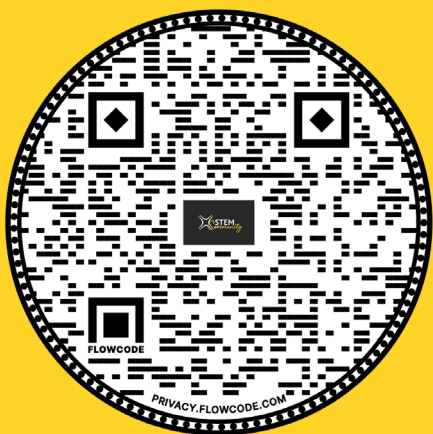


## Stimulating Physics Network

Funded by  
  
Department  
for Education



**Hands up if you want to join a supportive network of thousands of teachers and technicians...**



[community.stem.org.uk](https://community.stem.org.uk)



#STEMcommunity

### Who could benefit from the Stimulating Physics Network:

- early career teachers teaching physics
- technicians who would like more support
- schools that have no physics specialist in their school
- teachers who wish to develop their subject knowledge in physics
- teachers who would like to progress further in their physics teaching career
- teachers wanting to encourage more people to enjoy physics
- teachers who want to have more interesting ways of teaching the physics curriculum



**A project based on the principle that all pupils should have a high-quality experience in science by improving the teaching of physics to:**



improve participation in physics



improve attainment in physics



reinvigorate physics in schools

Your school will work with a dedicated physics coach and your support will typically include:

- a range of teacher CPD activities
- approaches to address issues of gender balance and inclusion
- complementary pupil engagement activities

There is **no cost to the school or its teachers** because the programme is fully funded by the DfE.

There is no commitment at this stage but please get in touch - we can discuss bespoke support for all the teachers of physics in your school.

Interested? Contact [SPN@stem.org.uk](mailto:SPN@stem.org.uk)  
[www.stem.org.uk/stimulating-physics-network](https://www.stem.org.uk/stimulating-physics-network)



# STEM AMBASSADORS

## SUPPORTING STEM ACTIVITIES IN YOUR SCHOOL

STEM Ambassadors use their enthusiasm and commitment to encourage young people to engage with, and enjoy, STEM subjects.

They open the doors to a world of opportunities and possibilities which come from pursuing STEM subjects and careers.

### CLASS ROOM



Practical  
activities  
(30-60mins)

### STEM CLUBS



Ambassadors  
acts as judges  
(30mins)

### CAREER TALKS



10 minute  
input with  
questions

### DRAGONS DEN



Ambassadors  
acts as judges  
or consultants  
(60mins)

### ASSEMBLY TALKS



20 mins



Log in or register an  
account:  
[www.stem.org.uk/  
dashboard](http://www.stem.org.uk/dashboard)



Give an exact date and  
time when you want  
the STEM Ambassador  
to arrive



Give a specific year  
group

Be as clear as possible with  
what you want the STEM  
Ambassador visit to achieve.

- What do you want the Ambassador to do?
- Will they need to bring things?

- What will they need to know about the class?
- What are your intended outcomes?



Prepare any necessary  
risk assessment for the  
activity taking place



Please ensure there are  
parking arrangements  
in place



Ensure that  
communication with  
the STEM Ambassador  
is maintained through  
the website



**Take them to a world  
beyond the classroom**

STEM Ambassadors are here to help you bring STEM subjects to life  
Invite a STEM Ambassador into your lesson **today**



**Request  
a STEM  
Ambassador  
on the go**

With the STEM Teacher app >





# BESPOKE TRAINING

Schools can always ask for a bespoke training session, tailored specifically to their school's needs. This could take the form of:

- A staff meeting, e.g. raising the profile of science, sharing ideas on science capital (what it is and how to improve learners' science capital), or a working scientifically reminder session
- A network event for a group of schools
- An in-house INSET day

Please contact us to discuss your requirements and we will arrange to meet you and customise your training.

We can also work with a subject leader on their action plan, or provide 1:1 support in school on resources, monitoring or conducting pupil voice activities.

*"Great Signposting to other ideas and resources, opportunities to network and discuss ideas with others."*

Teacher

*"Science made accessible and simple to understand"*

Teacher

*"Super Practical activities, fantastic training, and thank you."*

Teacher

*"Loved the conference - pitched perfectly!"*

Teacher



<https://www.thornden.hants.sch.uk/sciencelearningpartnership>

Contact Details for SLP:

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Follow us on twitter: [@hantsdorsetslp](https://twitter.com/hantsdorsetslp)

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