

# East of England Science Learning Partnerships

As regional representatives of STEM Learning, we provide Science CPD and support for all phases (primary to FE) and career stages (Early career to Head of Science/primary subject lead), as well as supporting technicians. We offer networks, stand-alone courses, conferences and bespoke CPD, and support with all things relating to science teaching and STEM careers. Our CPD courses cover subject knowledge as well as pedagogy and development of leadership skills. We have STEM careers CPD for teachers, governors and leadership, and courses on delivering STEM enrichment activities such as STEM Clubs.

## Which areas do we cover?

**Yellow** - Herts & Essex

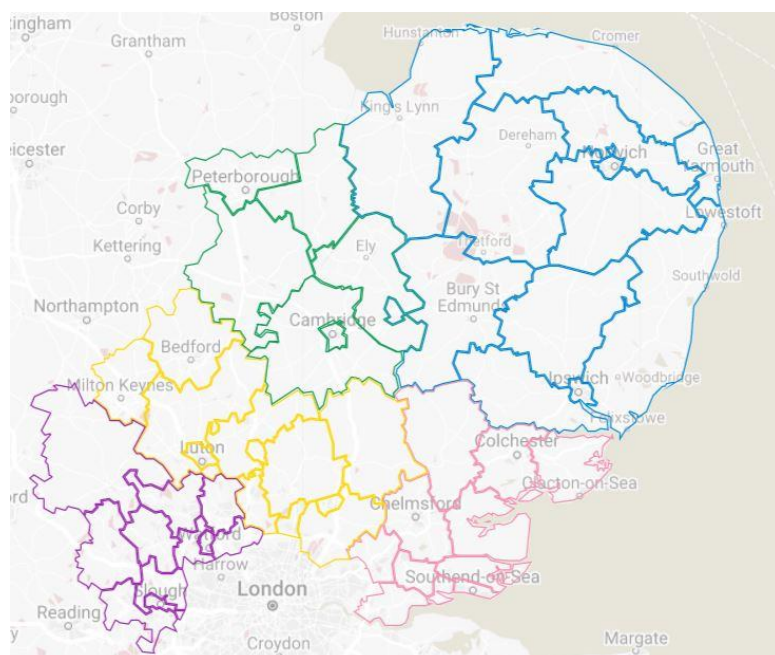
**Pink** - Southend, Essex & Thurrock

**Green** - Cambridge & Peterborough

**Blue** - Norfolk & Suffolk

**Purple** - South Central

Much of the CPD is delivered within the region – through a blend of face-to-face and online activity, utilising facilitators from the region, many of whom are practicing teachers or have hands-on roles in science education.



The [STEM Community](#) is an online forum for follow up discussion and sharing of practice – longer courses have their own STEM Community groups, as well as there being open groups for wider discussion.

There is also a programme of bursary funded CPD available through the National STEM Learning Centre (often residential courses, such as summer schools, many of which run during holidays). More details [here](#).



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### **CPD Pathways**

STEM Learning recommends particular [pathways](#) or combinations of CPD to meet the training needs of teachers at different stages of their careers. STEM Learning also has a suite of [online](#) training courses, which repeat at regular intervals and a wealth of resources.

The development of classroom teachers into middle leaders (and beyond) is an essential component of our offer and we have options for those looking to develop further expertise in teaching, as well as those looking to lead teacher development, for whom becoming a facilitator and delivering the CPD is an option.

### **ENTHUSE Partnerships for schools and colleges**

ENTHUSE Partnerships improve young people's attainment and engagement in STEM subjects and develop awareness and understanding of STEM careers, contributing to the Gatsby Careers Benchmarks. At the heart of every ENTHUSE Partnership is a collaboration between 6 – 10 schools or colleges, supported by £20,000 worth of support over 2 years.

#### *Impact on young people:*

- Increased attainment in STEM subjects, narrowing the gap for disadvantaged students.
- Increased interest in STEM careers: more students interested in working in STEM industries.
- Increased understanding of STEM careers: more students aware of the qualifications and routes to progress in STEM

#### *Impact on teachers:*

- Increased subject and pedagogical knowledge
- More confident and able to link their teaching to STEM careers
- Better equipped to draw on the opportunities offered by STEM employers
- More able to support STEM enrichment activities

To register your interest in participating in an ENTHUSE Partnership, please complete a short expression of interest and we will contact you once an opportunity arises in your area.

[Register your interest](#)

### **STEM Ambassadors**

The regional STEM Ambassador Hubs administer the [STEM Ambassador programme](#) – which enriches the curriculum by providing volunteers (Ambassadors) to understand the real



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word applications of what they are learning. This not only helps schools to meet the [Gatsby benchmarks](#) but increases pupils' science capital.

### **STEM Club Champions**

A network of [STEM Club Champions](#) provides support to secondary schools, focused on helping them deliver STEM Club activities, including CPD workshops to encourage schools to establish and grow this extra-curricular activity.

### **Nuffield Research Placements**

These supervised research [placements](#) allow students (Y12) to experience research placements which will inspire them to consider STEM-related university courses and careers. They are specifically targeted at young people from disadvantaged backgrounds and all include a research and development project, in which the student plays an active role, applying the knowledge and skills they have learned at school.

# Contact us

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