

High-quality professional development for all STEM educators

Impactful, flexible and informed by years of experience and robust evidence

> **TECHNOLOGY SCIENCE ENGINEERING MATHS** stem.org.uk

Why choose STEM Learning?

We know you have limited time so you want to spend it wisely. We have years of experience and data that show the hugely positive impact our CPD courses have on teachers and students.



What makes our course leaders experts?

Each of our course leaders are required to complete our 'Leading Professional Development' programme which means they are able to:



Lead effective subject-specific professional development



Adapt and assess professional development



Embed effective practice for impact



Understand professional learning



Apply evidence and research to support professional development

Professional development that works for you

Teachers who engage in STEM Learning CPD are 155% more likely to remain in the profession

All courses are written and delivered by education experts who have qualified through our professional development leadership programme

All courses are aligned to teachers' wider professional development frameworks, including the Early Careers Framework and National Professional Qualification in Leading Teaching

All of our CPD includes wraparound support before, during and after the course, including peer-to-peer support via our STEM Community

Key Statistics

Impact on your teaching

We surveyed teachers who participated in our professional development courses:

95% stated that our CPD improved their knowledge and skills

94%

agreed our CPD will have a positive impact on their students

93%

agreed our CPD strengthened their enthusiasm for teaching

How you can learn with us

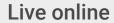
Evidence-based CPD delivered by experts

Our fantastic range of STEM CPD, developed and delivered by our trusted STEM teaching experts, features more options and a greater choice than ever before. We know you have limited time for professional development, so you want to spend your time wisely. We have years of experience and data that shows the hugely positive impact our CPD courses have on teachers and their students.



Residential

Takes place at the National STEM Learning Centre in York which is set up specifically for STEM education, with state-of-the-art labs, classrooms, and breakout spaces that support hands-on, collaborative learning. These courses also include onsite accommodation and catering.



Led by education experts, these shorter sessions allow you to focus on specific areas of STEM teaching from wherever you are where no practical work is required. All courses are delivered virtually using MS teams.



Face-to-face

Taking place at the National STEM Learning Centre in York, these courses support you in tackling a specific area within your teaching. Typically, these courses

are one or two days in duration.

Self-paced

Access these courses online so you can learn wherever and whenever suits you. Build subject knowledge, access real classroom footage and reflect to improve your teaching practice and maximise your pupils' learning.

In-school support

We offer a range of additional support including 1:1 support, consultancy and we can come and deliver many of the courses in this brochure at your school. Find out more by emailing commercialteam@stem.org.uk

Hear from a fellow teacher

Developing and growing my confidence to lead primary science

For me, attending CPD at the National STEM Learning Centre has had a lasting impact—not just on my subject leadership, but also on my confidence, professional relationships, and wider view of science education.

Reflecting on my time attending a three-day residential course focused on working scientifically, I can only describe the experience as "just wonderful." The course itself was excellent, the tutors were brilliant, but for me, the most powerful aspect was the time and space it gave me to reflect and develop my leadership in science.

The learning environment was fantastic... accessible, had everything you need.

"The training responded directly to teachers' actual needs in school, with tutors keen to understand each participant's context and support us accordingly."

The team were great at adapting, saying 'well, you can't necessarily do this, but you could do it this way' which was really useful.

It was the opportunity to connect with others that made the biggest impression. The networking, the community... seeing how it all fits together. I actually attended alongside another science leader from a different school, which allowed us to build a new professional relationship. We decided to come together... to chat science... that quality time that you never actually get otherwise—to come and talk science, be in science, do science. What started as a joint learning experience turned into a lasting connection. We didn't really know each other at all then and now we still keep in touch all the time.

The impact on my professional growth was clear, it definitely enhanced my subject-leadership. It gave me a greater awareness of the national picture and the confidence to apply new strategies in school. There was nothing about it that was negative at all and it was full of helpful information, and practical ideas to make science better for the children at my school.

"For me, CPD at STEM
Learning offered far more than
training—it offered time to
think, to grow professionally,
and to connect with others
in the science community."

Becki Price

Primary Science Leader Stoke-on-Trent



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STEM Learning

Science

We provide support across science teaching for all career stages from early career through to those leading primary science. To ensure we provide a quality offer, we have produced some frameworks from which we base our professional development offer.

Not only do we focus on pedagogy and subject knowledge, we bring in expertise from other areas such as AI to help improve your teaching more generally as well as connecting to other subjects to provide a more well-rounded experience for pupils.

Leadership and Al

Leading primary science -**Maintaining impact**

Residential \$\infty\$ £640 + VAT # SL003

New to leading primary science

Residential £818 + VAT # SL076

Leading primary STEM in your primary school

Residential \$\infty\$ £640 + VAT # SL061

Assessing primary science

Face-to-face £280 + VAT # SL032

Primary Science Network Meeting

Tive online \$\infty\$ £89 + VAT # SL130

How to organise a science week in your school

Cive online
 ⊕ £89 + VAT # SL013

Unlocking AI potential for teachers

Tive online £199 + VAT # SL954

How to use AI to reduce teacher workload

Tive online \$\infty\$ £89 + VAT # SL902

Creative ways to assess primary science

Tive online \$\infty\$ £89 + VAT # SL010

Using Technology in primary science

Face-to-face £280 + VAT # SL907

Further support we offer

Teaching resources

We offer primary science resources, including topic-based collections, 50+ easy STEM activities, and hands-on lesson plans. These resources make science engaging and accessible, fostering curiosity and understanding in young learners. Perfect for classroom, outdoor, or home science explorations.

STEM Clubs

Our STEM Clubs offer a range of lesson plans to excite and inspire, as well as handbooks, webinars and videos to support you at every stage. You can even apply for a bronze, silver or gold-level STEM Club quality mark. Make sure to check out our range of competitions and challenges too!

To inspire young people and contextualise learning, our STEM Ambassadors can help bring subjects alive and provide real-life examples of STEM in action within industry careers.

Pedagogy and subject knowledge



Embedding working scientifically in the primary science curriculum

Dive into working scientifically, nurture pupils' curiosity and unlock the potential of scientific enquiry in your classroom.

🗐 Residential 🥯 £640 + VAT # SL030

Boost your primary science expertise!

Residential \$\infty\$ £640 + VAT # SL062

Primary Science: Thinking, Talking & Working Scientifically

Face-to-face £280 + VAT # SL019

How to teach primary science -**Exploring the curriculum**

Cive online
 Second 19 € 189 + VAT # SL014

How to teach primary science: Managing behaviour

How to teach primary science -**Understanding working scientifically**

Tive online \$\infty\$ £89 + VAT # SL015

How to teach primary science -**Developing subject knowledge**

Cive online
 ⊕ £89 + VAT # SL016

How to teach primary science - Planning for progression and assessment

How to introduce climate change in the primary science curriculum

Tive online £89 + VAT # SL011

Linking maths and science in your primary school

Live online
 £89 + VAT

SL046

Teaching datalogging with apps and micro:bits

Teaching primary science outdoors

Residential \$\infty\$ £640 + VAT # SL009

Oracy in primary science

NEW

Discover the power of oracy in primary science to deepen understanding, develop reasoning and enhance scientific enquiry.

Face-to-face 🕯 £280 + VAT # SL042

Explorify materials and states of matter

Cive online
 Short
 £89 + VAT # SL049

Explorify rocks, soils and fossils

Character
 \hftarrow
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Explorify Forces

NEW

NEW

Tive online \$\infty\$ £89 + VAT # SL051

Enhancing climate change education in primary STEM

Face-to-face 9 £89 + VAT # SL031

Explorify electricity

Cive online
 ⊕ £89 + VAT # SL052

Explorify evolution

Live online
 £89 + VAT
 # SL053

Explorify Earth and space

Cive online
 Second 1999 €89 + VAT # SL054

Introduction to Teaching Science in Early Years Foundation Stage (EYFS)

Tive online \$\infty\$ £89 + VAT # SL021

STEM Learning

Primary CPD Courses 2025-26

Science by year group



Introduction to teaching science in Year 1

Explore the essential science concepts and practical strategies within the Year 1 science curriculum.

↑ Live online ♠ £89 + VAT # SL022

Introduction to teaching science in Year 2

Cive online
 €89 + VAT # SL023

Introduction to teaching science in Year 3

Tive online \$\infty\$ £89 + VAT # SL024

Introduction to teaching science in Year 4

Live online
 £89 + VAT
 # SL025

Introduction to teaching science in Year 5

Introduction to teaching science in Year 6

Cive online
 Short
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 # SL027



Mixed year group planning for primary science

NEW

Explore best practice when planning for mixed-year group for primary science to ensure curriculum coverage whilst supporting different levels of understanding.

⊋ Live online ♀£89 + VAT # SL045

Science for SEND and EAL

Supporting pupils with visual impairment in primary science

Supporting pupils with EAL in primary science

Tive online \$\infty\$ £89 + VAT # SL004

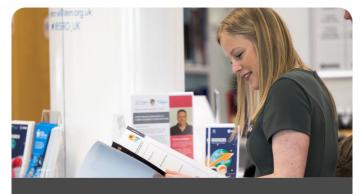
Using technology to support SEND learners in primary schools

Tive online \$\infty\$ £89 + VAT # SL904

All dates and details can be found at stem.org.uk/primary/cpd



SEND



Inclusive primary science for pupils with SEND

Our collaborative effort with the Primary Science Teaching Trust (PSTT) has resulted in a comprehensive two-day course designed specifically for primary teachers.

Residential S £640 + VAT # SL043

Supporting pupils with Dyslexia in primary science

Cive online
 Second # SL001
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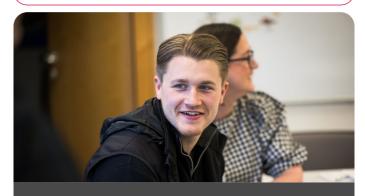
Supporting pupils with autism in primary science

Live online
 £89 + VAT

SL007

Supporting pupils with ADHD in primary science

Cive online
 Short
 Element
 Element
 Short
 Short



Supporting the needs of all in primary science

Gain practical insights into fostering engagement, supporting diverse learners, and promoting scientific curiosity.

Cive online
 £89 + VAT # SL005

Self-paced online courses

Teaching primary science: chemistry

Self-paced online

£60 + VAT

#NE005



Teaching primary biology: classification

Develop your knowledge of biology to support your pupils' learning as part of the primary science curriculum.

☐ Self-paced online \$\omega\$ £50 + VAT #NE010



Teaching primary science: electricity, forces, light and sound

Develop your knowledge of physics to support your pupils' learning as part of the primary science curriculum.

☐ Self-paced online 🕯 £60 + VAT #NE007

Teaching primary biology: evolution and inheritance

Self-paced online

£50 + VAT

NE008

Teaching primary biology: body processes

☐ Self-paced online
 £50 + VAT # NE009

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STEM Learning
Primary CPD Courses 2025-26

EYFS

It is important to nurture a love for how the world works from an early age. Supporting early years pupils in STEM education means creating engaging, hands-on learning experiences that spark curiosity and imagination.

Our courses are designed to help you build a strong foundation in STEM, encouraging children to explore, ask questions, and develop critical thinking skills that will benefit them throughout their educational journey.

Further support we offer

Teaching resources

Our teaching resources are designed to make STEM subjects engaging and accessible for young learners. They include hands-on activities, interactive lesson plans, and age-appropriate experiments to encourage exploration and curiosity.



Developing computing in EYFS

Face-to-face £280 + VAT # SL910

Exploring the outdoors with EYFS

Face-to-face £280 + VAT # SL060



Developing an understanding of D&T in EYFS

Become confident in ensuring provision for D&T in EYFS, finding and integrating opportunities across the curriculum which engage and develop young learners.

Face-to-face £280 + VAT # SL812



Engaging practical science for EYFS

Enhance science teaching and learning in Early Years by creating engaging and enriching experiences that extend scientific enquiry among young learners.

Residential 9 £640 + VAT # SL012

Developing an understanding of STEM in EYFS

Cive online
 €199 + VAT # SL811

Digital and Al

It's now vital that students are taught digital skills, especially given their importance in helping young people prepare for the transition from school to employment and the wider world. Our digital skills CPD courses are designed to equip you with the skills and confidence to teach digital skills.

Unlocking AI potential for teachers

Tive online £199 + VAT # SL954

How to use AI to reduce teacher workload

Using technology to support SEND learners in primary schools

Cive online
 ⊕ £139 + VAT # SL904

Digital skills stretch across STEM. With an everincreasing reliance on technology, understanding topics such as artificial intelligence can open many doors across STEM sectors.

You can catch our AI sessions on the STEM Community with experts from the field of AI and digital technology in education.

STEM Clubs

Our STEM Clubs offer a range of lesson plans to excite and inspire, as well as handbooks, webinars and videos to support you at every stage. You can even apply for a bronze, silver or gold-level STEM Club quality mark. Make sure to check out our range of competitions and challenges too!

STEM Ambassadors

Our STEM Ambassador programme is made up of thousands of amazing volunteers who bring real-life examples of STEM careers into schools. They help to break stereotypes and offer engaging activities to inspire the next generation into the infinite possibilities of STEM pathways.



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STEM Learning
Primary CPD Courses 2025-26

NEW

Primary maths

We support primary educators in delivering highquality maths lessons through expert-led CPD and a wealth of classroom resources. Whether you're looking to refine teaching approaches, address common misconceptions, or deepen mathematical understanding, our CPD equips you with the tools to make a lasting impact.

Further support we offer

Alongside CPD, we provide a range of support to help teachers bring maths to life:

Teaching resources

We host a wide range of teaching resources that are structured teaching materials aligned with the national curriculum, covering key topics such as number and place value, multiplication and division, algebra and much more.

Teaching strategies

Practical classroom approaches, expert insights, and solutions to address misconceptions in learning.

Community and networks

Opportunities to connect with fellow educators, share best practices, and access ongoing professional support.

Linking maths and science in your primary school

Live online
 £89 + VAT

SL046

Primary maths for early career teachers

Cive online
 €199 + VAT # SL400



Leading primary maths: building strong foundations

Develop your leadership in primary maths by laying strong foundations in order to drive whole-school transformation and enhance pupil progress.

Residential \$\infty\$ £640 + VAT # SL401



Primary maths: Reasoning and problem solving

Discover a range of strategies to develop reasoning and problem-solving in primary mathematics.

Cive online
 State of the state

All dates and details can be found at stem.org.uk/primary/cpd



Primary D&T

Design and technology (D&T) in primary schools allows children to explore the 'made' world and understand how things work, their purpose and why they were designed that way. We offer a fantastic range of CPD to support primary teachers in delivering inspiring and impactful design and technology lessons.

Further support

Teaching resources

Our design and technology teaching resources provide a useful starting point for teachers in planning and delivering D&T lessons or in supplementing a teacher's planning.

STEM Clubs

Our STEM Clubs offer a range of lesson plans to excite and inspire, as well as handbooks, webinars and videos to support you at every stage. You can even apply for a bronze, silver or gold-level STEM Club quality mark.

Careers

To support future careers and to inspire young people, our STEM Ambassadors can help bring design and technology alive and provide real-life examples of D&T in action and industry careers.

Bringing engineering to the primary classroom

Live online
 £89 + VAT
 # SL350

Leading primary D&T: making the most of technology

Residential 9 £640 + VAT # SL803

Primary design and technology network meeting

Live online
 £89 + VAT
 # SL830

Developing digital skills through D&T

Face-to-face £280 + VAT # SL807

Leading primary STEM in your primary school

Residential \$\infty\$ £640 + VAT # SL061



Leading primary design and technology

Discover how to lead design and technology in your primary school, develop your own knowledge and support your staff to deliver an inspiring, high-quality D&T curriculum.

Face-to-face £199 + VAT # SL810



Explore best practice in primary D&T assessment

Explore assessment strategies, including how to involve children in their own assessment, as well as developing the confidence to make reliable judgements and identify next steps.

Design and technology in KS1

Tive online \$\infty\$ £89 + VAT # SL804

Design and technology in lower KS2

Tive online \$\infty\$ £89 + VAT # SL805

Design and technology in upper KS2

Cive online
 ⊕ £89 + VAT # SL806

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Primary CPD Courses 2025-26 STEM Learning

Conferences

Our national teacher conferences provide educators, subject leaders, and trainees with opportunities to engage in professional development, collaborate with peers, and explore the latest innovations in STEM education.

National Primary Science Conference



- 28th November 2025
- York National STEM Learning Centre
- £149 + VAT Early bird offer £109 + VAT*

Whether it is preparing children to understand a changing world, providing education to create global citizens, creating a vision for primary science, preparing for the next phase of education, or planning for school improvement, this conference will help you on your way.

*offer ends 30th September 2025

Secure your place **National Primary** Science Conference







Secure your place

National Primary

STEM Conference

National Primary

STEM Conference

12th June 2026, York

*offer ends 31st January 2026

York - National STEM Learning Centre, York

£149 + VAT Early bird offer £109 + VAT*

Discover how to build opportunities for

STEM with existing topics, we create

practical, connected learning situations

that foster curiosity and critical thinking.

primary pupils to engage in STEM activities

and enrich the curriculum. By intertwining



STEM Digital Conferences



CPD subscriptions

A STEM Learning CPD subscription is the most effective way to develop and improve STEM subject outcomes in your school or trust.

The subscription offers schools unlimited access to our highly impactful residential programme at the National STEM Learning Centre, our accessible remotely-delivered courses and all STEM Learning conferences.

What's included?

- **Unlimited STEM CPD**
- Free access to national conferences
- **Network meetings**
- **Education updates ***
- Collaborative community access *
- **Engagement data reporting ***
- * Exclusive access only available with a CPD subscription!

When does it begin?

Subscriptions last for 12 months and start from the confirmation of your subscription.

What will it cost?

Subscription pricing is based on the number of primary and secondary schools within your trust.

Prices start from £2400

For example

A Trust of 14 primary schools will cost £5500, less than £400 per school

A Trust of 45 secondary schools

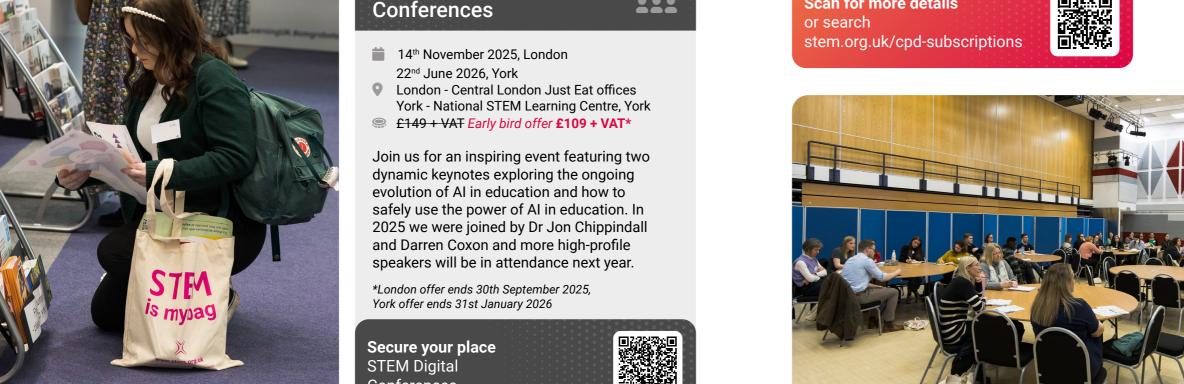
will cost £23,500, less than £550 per school

A Trust with 26 primary and 40 secondary schools

will cost £29,800, approximately £450 per school

Scan for more details







"The STEM Learning CPD courses have really helped to develop my subject knowledge and extend my teaching strategies. I would definitely recommend the courses!" ★★★★

- Participant on 'Introduction to teaching science in Year 3' course



Access our full range of courses and wider support at www.stem.org.uk/primary/CPD

