

Free, inspiring online CPD for 2019

With the start of the new academic year, it's more than just lessons that need planning! Take your professional development into your own hands with a range of free, flexible online courses to improve your teaching and your students' learning. Plan your CPD journey this year with STEM Learning.

STEM teaching programme



Planning for learning

13 May / 7 Oct

Improve your planning and tailor activities to create formative assessment opportunities to support your students.



Differentiating for learning

25 Feb

Recognising your students' current levels of understanding is key to their learning. Master how to differentiate by task.



Introducing assessment for learning

21 Jan / 22 Apr / 16 Sep

Develop your responsiveness as a teacher by assessing student understanding and taking formative action to improve learning.

"I'm in my tenth year of teaching and it is easy to become complacent and keep doing things as I always have. The Differentiating for Learning course really made me think about my teaching and what I can do to improve my differentiation and teaching practice."

Improving practice courses



Managing behaviour for learning

22 Apr / 23 Sep

Learn how to positively influence the behaviour of your students through small shifts in your own behaviour.



The science of learning

25 Feb / 5 Aug

What is learning? Improve the way you support your students to achieve their potential by exploring the science of learning.



Linking STEM curriculum learning to careers

4 Mar / 4 Nov

Enhance your role as a STEM (science, technology, engineering or mathematics) subject teacher and discover how to adapt your curriculum to link to careers.

"This course on the Science of Learning has given me a deeper understanding of the way in which our brains process and store information, which has helped me to understand how pupils learn. I will now be able to adapt my teaching in the classroom."

Teaching practical science programme



Teaching practical science: physics

22 Apr / 4 Nov

Develop and share creative ways of teaching practical physics with approaches that are applicable to a range of curricula.



Teaching practical science: chemistry

29 Apr / 30 Sep

Increase your confidence in delivering and evaluating teaching for practical skills in chemistry.



Teaching practical science: biology

6 May / 4 Nov

Explore creative and exciting ways of teaching practicals in biology to engage your students.

“As an NQT I have found it challenging to encourage independent thinking and provide contextualisation. The Teaching Practical Science course has given me more ideas about these as well as increasing the range of practicals I am aware of.”

Teaching primary science courses



Teaching primary science: getting started

25 Feb / 13 May / 30 Sep

Tackle practical work in primary science, develop your confidence and explore a range of techniques.



Exploring space

28 Jan / 7 Oct (from £27)

Discover how space exploration can inspire your primary science students and engage them in working scientifically.



Humans in space

18 Mar / 11 Nov (from £27)

Learn how best to engage children in practical activities using the context of human spaceflight.

“The ‘Getting Started’ course has really helped me understand the requirements of our current curriculum... I planned a whole-school activity involving plastics and it was a real hit! I really have enjoyed taking part in this course and couldn't be happier with the results.”

Maths subject knowledge



Maths subject knowledge: proportional reasoning

Open for enrolment year round (£32)

Discover multiplicative reasoning strategies, links between ratio and proportion and the ability to scale things up and to scale things down.



Maths subject knowledge: fractions, decimals and percentages

4 Nov (£52)

Tackle why students find fractions difficult, and learn teaching approaches to alleviate these problems. Teach fractions, decimals and percentages as interconnected topics.

“It provided me with clear examples to use with students and consistent methods.”
