



Teach primary computing

Professional development through the National Centre for Computing Education to help you to develop the confidence to teach core concepts at key stages 1 and 2 and to integrate creative computing in your teaching.

What courses are available?

- Primary programming and algorithms (1 day)
- Teaching and leading key stage 1 computing (2 days)
- Teaching and leading key stage 2 computing (2 days)

Teaching and leading courses compliment the programming and algorithms course and are offered as part of our computing Easter school.

How much does the CPD cost?

£35 per day is the basic cost. One teacher from each school is eligible for a bursary of £220 to help cover the costs involved in participating. Subsequent teachers from the same school pay £35 per day.

Primary programming and algorithms

During this one-day course you will discover engaging and effective ways to help children use computational thinking. You will be equipped to develop their knowledge of how technology works, and the skills to make computers follow instructions in simple programs. A range of approaches will be explored, including 'unplugged' activities that require no computer. The course will highlight the differences and commonalities across key stages 1 and 2, helping you to plan for age-appropriate learning while developing an understanding of progression through computing.

Primary programming and algorithms (course code CH003)

Monday 23 March (13:00-18:00)

University of Hertfordshire, College Lane Campus, AL10 9AB

Primary programming and algorithms (course code CH003)

Tuesday 9 June (13:00-18:00)

University of Hertfordshire, De Havilland Campus, AL10 9EU

To book, go to www.stem.org.uk/cpd **and search for the course code.**



Teaching and leading key stage 1 computing

During this two-day course you will develop your knowledge of internet-connected computer systems, from hardware to online safety. You will take-away engaging ways to use computers and software effectively, supporting other areas of curriculum learning. Combining popular and accessible tools, you will develop the skills and ideas to support creative projects produced by your children. You'll also discover age-appropriate data collection, analysis and sharing methods and projects.

[Teaching and leading key stage 1 computing \(course code CH001\)](#)

Day 1: 7 April (09:30-15:30) Day 2: 8 April (09:30-15:30)

University of Hertfordshire, De Havilland Campus, AL10 9EU

To book, go to www.stem.org.uk/cpd [and search for the course code.](#)

Teaching and leading key stage 2 computing

During this two-day course you will strengthen your knowledge of computer systems and networks, including the internet and technologies such as search engines and email that make use of it. You will demystify computers, developing understanding of data fundamentals such as binary, and learning how the parts of a computer system handle this data to carry out useful tasks. By combining a wide range of software applications and multimedia such as video, images and sound, you will be better able to support children in creative and engaging project work across the whole primary curriculum. They will develop their ability to select the right tool for the job, then use them in a considered, effective way.

[Teaching and leading key stage 2 computing \(course code CH002\)](#)

Day 1: 7 April (09:30-15:30) Day 2: 8 April (09:30-15:30)

University of Hertfordshire, De Havilland Campus, AL10 9EU

To book, go to www.stem.org.uk/cpd [and search for the course code.](#)