

Key messages

Primary schools

What can the National Centre for Computing Education offer for primary schools?

We support the teaching of computing at all key stages, by developing teachers' confidence and subject knowledge.

You will be able to:

- participate in bursary-supported* face-to-face CPD including programming and algorithms, and free online CPD
- browse free, quality assured resources to help you plan, deliver and assess learning
- find regionally delivered CPD (Regional Delivery Partners, Computing Hubs¹) and CAS communities of practice in your area so you can network with other computing educators
- develop links with industry partners to bring the computing curriculum to life in your classroom
- gain inspiration to build your confidence across Key Stage 1 and Key Stage 2

*Am I eligible?

Any teacher can access our CPD, online resources and events. Face-to-face CPD from the National Centre for Computing Education is free to the first teacher from a priority primary school (schools in category 5 or 6 Local Authority Districts) to participate in face-to-face CPD and they will also be eligible to receive a bursary to help cover the costs involved in participating.

How do I get involved?

Access CPD and other support by creating an account on our website:

<https://teachcomputing.org/>.

Secondary schools

What can the National Centre for Computing Education offer to secondary schools?

The National Centre for Computing Education will help to:

- improve the quality of the computing teaching and learning in your school or college
- make your staff confident in teaching all aspects of the computing curriculum
- make your computing lessons more inclusive and enjoyable and raise the standards of teaching in your school

The Computer Science Accelerator Programme

A flexible and bespoke programme to equip teachers with the knowledge required to teach GCSE computer science.

The programme offers:

- the pedagogical knowledge required to teach GCSE computer science, regardless of a teacher's existing subject knowledge, with topics including Python programming and cybersecurity

¹ To be established by September 2019

- flexible learning and personalised professional development delivered through a combination of face-to-face and online courses
- generous bursaries to support teachers' participation in face-to-face CPD
- access to free online courses, enabling you to learn at a time and place that suits you
- free, quality assured resources to help you plan, deliver and assess learning
- regionally delivered CPD (Regional Delivery Partners, Computing Hubs) and local CAS communities of practice so you can network with other computing educators
- expertly-designed content with a focus on developing knowledge of the entire GCSE curriculum and encouraging inclusive teaching practices
- links with industry partners to bring the computing curriculum to life in the classroom

Am I eligible for the Computer Science Accelerator Programme?

Any teacher can access the Computer Science Accelerator Programme. Computing teachers with no relevant post A level qualification from an English state-funded school can access funding up to £880* to cover your course and supply costs.

Is there any certification for the Computer Science Accelerator Programme?

Our nationally accredited certificate is highly personalised and will take up to six months to complete, with multiple courses to choose from, both face-to-face and online.

To be awarded a National Centre of Computing Education certificate in GCSE subject knowledge a teacher will need to:

- complete 40 hours of CPD, including at least two face-to-face courses
- participate in at least two online courses, around 16 hours in total
- register for and complete a short subject knowledge test
- keep the National Centre updated with their progress