Are you looking to raise attainment amongst different groups of students? This pathway will help you support young people to overcome challenges, champion diversity in your school and increase student engagement in the subject of computing.

Teachers following this route will contribute to improving:
- Teaching, Learning and Assessment
- Impact on Outcomes
- Careers Education
As defined in the Computing Quality Framework

Develop your professional knowledge

Complete one full day face-to-face, remote or online course, or a combination of short courses that amounts to 6+ hours of professional development.

Choose CPD right for you

- Higher attainment in GCSE computer science – meeting the challenges of the exams
- Supporting GCSE computer science students with grades 1-3
- Teaching GCSE computer science: improving student engagement
- Assessment and progression in KS3 computing
- Teaching GCSE computer science developing knowledge and understanding
- Teaching GCSE computer science pedagogy for programming
- KS4 Computing for all
- Enriching secondary computing with STEM Ambassadors in your region
- Behaviour for learning in a computing environment
- Assessment in secondary computing
- Diagnostic assessment in GCSE computer science
- Assessment and progression in KS3 computing

Click on the button with the course code above to proceed to the course page on the website.
Learning Pathway

Make a positive impact on young people in computing

- **Raise aspirations with a STEM Ambassador visit**
  Arrange a visit for your school to help pupils understand real-world applications of computing and raise their career aspirations through engaging activities.

- **Participate fully in an NCCE curriculum enrichment opportunity**
  Encourage young people to develop important life skills through enrichment and engage with the wider community in practical, enjoyable, and meaningful ways.

- **Implement your professional development in the classroom and evaluate via the Impact Toolkit**
  Think about not only your actions but also collecting evidence of how the changes you make impact you, your colleagues, and your students.

- **Download and use the NCCE teaching and assessment resources in your classroom**
  Download and use a Teach Computing Curriculum resource, then reflect on how you used and adapted it in the classroom.

Support your professional community

- **Gain accreditation as a professional development leader**
  Explore what makes CPD effective and how its impact can be evaluated as well as the strategies and tools you’ll need when leading learning with adults.

- **Support other teachers and earn a STEM Community participation badge**
  You’ll earn points for your activities on the STEM Community. Your points add up, and over time you will be rewarded with badges in recognition of your activity and participation in the community.

- **Undertake the initial assessment of your school using Computing Quality Framework**
  Review your school’s progress in developing an exemplary computing curriculum and work towards achieving the Computing Quality Mark.

- **Work with your local Computing Hub to develop a school-level action plan for professional development**
  Computing Hubs support school’s in the area with thier journey in developing the computing curriculum.

- **Lead your school into a Computing Cluster, and develop an action plan with a Cluster advisor**
  Join a group of 3-6 eligible schools, which receive targeted support in professional learning to make progress within the Computing Quality Framework over a 12-month period.

- **Join and present at your local Computing at School Community**
  CAS Communities are volunteer-run, grass-roots, teacher-to-teacher communities providing informal professional development and networking opportunities. Join a local event and offer your insights, ideas and expertise to colleagues.

To find further information about any of our suggested activities or this pathway, visit: teachcomputing.org/secondary-certificate