Are you looking to champion diversity and inclusion in their classrooms as well as computing as a subject? This pathway will give you knowledge of teaching interventions, encouraging girls into taking up GCSE Computer Science and how to support SEND students in their learning of computing.

Teachers following this route will contribute to improving:

- Equity, Diversity, Inclusion and SEND

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

- Encouraging girls into GCSE computer science (CP440)
- Creating an Inclusive Classroom: Approaches to Supporting Learners with SEND in Computing (CO700)
- Adapted teaching and effective learning interventions in secondary computing (CP448)
- Collaboration in KS3 programming (CP437)
- Computing for specialist teachers of autistic students (CP291)
- Creative digital media projects (CP414)
- KS3 computing (module 3): Creative curriculum enrichment and inclusion (CP249)

Click on the button with the course code above to proceed to the course page on the website.
Learning Pathway  Championing diversity and inclusion

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 Isaac Computer Science classroom resources and displays**
  Bring learning to life with Computer Science Journeys and request printed versions of the ‘I Belong in Computer Science’ posters from the NCCE to put in your 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.

- **Work with local business and industry to inspire inclusive computing**
  Establish relationships with businesses in your local area, that can support development of inclusive computing in your school.

- **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