Support from the National Centre for Computing Education (NCCE) aligned to the Curriculum and Assessment Review

Computing as a foundational subject, taught across all key stages including KS4

The Teach Computing Curriculum provides 6 non-GCSE units to support computing being delivered at KS4 outside of GSCE, including IT and the world of work, Media, Spreadsheets and Physical Computing

CPD courses available:

- Established leaders of secondary computing
- How to utilise the Teach Computing Curriculum effectively (Key Stages 3 and 4)
- Introduction to primary computing, also the getting started year group courses- support teaching across the primary phase

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Support for non-specialist teachers

✓ KS3 and GCSE Subject Knowledge Certificate

A nationally recognised certificate awarded by BCS, designed for teachers at all levels and with **3 pathways dedicated** to new and **non-specialist teachers:**

- *New to Computing*
- *New to Algorithms and Programming*
- *New to Computer Systems and Networks*

✓ CPD courses available:

- An Introduction to algorithms, programming and data in computer science
- An introduction to computer systems, networking and security in GCSE computer science
- Block-based programming for KS3 computing
- Foundation knowledge of computer science for KS3 and GCSE

✓ Isaac Computer Science Platform

To further support non-specialist teachers and those students learning with them we provide free online GCSE and A-Level resource with interactive questions, auto-marking and career-linked content.

Digital literacy and AI, including safe and ethical use

✓ Computing Quality Framework

Digital Skills and AI benchmark is now integrated into the Computing Quality Framework for schools.

✓ CPD courses available:

- AI and Ethics in GCSE Computer Science
- AI in Primary Computing

The National Centre for Computing Education is run by STEM Learning, funded by the Department for Education.

- Digital Literacy in KS2 and KS3 Computing
- Artificial intelligence (AI) in Key Stage 3 computing

✓ Teach Computing Curriculum
Includes units on cybersecurity, online safety, and responsible technology

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Industry partnerships and enrichment

✓ Our Discovery and I-Belong Events can be hands-on workshops or inspiring talks with industry experts, supporting students to thrive in computing whatever their background or ability.

✓ The Enrichment, Destination and Careers Benchmark of the Computing Quality Framework

✓ The Primary and Secondary enrichment webpages outlines many Enrichment opportunities out there

✓ CPD course available:
- Careers and enrichment in primary computing - Teach Computing

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Inclusive computing and ensuring all students thrive in computing

✓ The Addressing the needs of each pupil Benchmark of the Computing Quality Framework

✓ The I belong programme formed from our Foundational Evidence Review aims to help teachers and leaders understand the barriers to girls' participation in computer science and make a plan to overcome them.

✓ CPD courses available:
- Empowering girls in key stage 2 computing
- Encouraging girls into computer science

✓ SEND and Neurodiversity CPD course available:
- Inclusive Computing in Primary Schools
- Supporting Autistic Pupils in Primary Computing
- Adapted teaching and effective learning interventions in secondary computing
- Creating an Inclusive Classroom: Approaches to Supporting Learners with SEND in Computing

✓ Digital Inclusion:
Bridging the digital divide in teaching blog
Teach computing Curriculum TCC KS4 unit of work – which includes the digital divide

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