

Executive Summary

The Computer Science Accelerator (CSA) is a flexible professional development programme designed to give teachers the subject knowledge and confidence to teach GCSE computer science. The CSA is funded by the Department for Education, delivered by the National Centre for Computing Education and certified by British Computer Society, The Chartered Institute for IT. The programme enables teachers to gain the subject knowledge required to teach the GCSE curriculum with confidence and drive attainment in their school.

The CSA is impactful for schools, teachers and young people:

- Almost all graduates showed:
 - increased **confidence** to teach computer science.
 - increased computer science **subject knowledge**.
 - Increased **enjoyment** in teaching computer science.
- Over half of graduates stated there had been an **increase in the number of students studying computer science at their school** as a result of the programme
- More than a third said that there were now **more computer science lessons being taught in their school**.
- Over 80% saw a **positive impact on their colleagues**.

The CSA meets the needs of schools and teachers, providing high quality and effective support:

- 92% of graduates reported that **the programme met their needs**.
- Almost 97% of graduates found that **the combination of online and face-to-face courses was an effective way to study**.
- More than 80% said that the programme had been **pitched at the right level**.
- More than three quarters of CSA graduates **voluntarily chose to undertake more than the minimum required hours of study** before they took the final test at the end of the programme

Helping you teach computing

info@teachcomputing.org

 @wearecomputing  /wearecomputing

The National Centre for Computing Education is run by a consortium of STEM Learning, the Raspberry Pi Foundation and BCS, The Chartered Institute for IT.

teachcomputing.org