Next steps

Here are some ways for you to get more involved in computing and computer science education.

Have a go!

You're likely to feel much more confident teaching computer science after spending some time writing some code of your own. Why not have a go at developing your own interactive game, or creating a scripted animation in Scratch or ScratchJr linked to a topic you're teaching (see e.g. the Barefoot Vikings animation: http://barefootcas.org.uk/programme-of-study/use-sequence-in-programs/upper-ks2-viking-raid-animation-activity/).

Join CAS

Computing At School (CAS) is a grass-roots, school-led organisation, and its energy, creativity and motivating force comes from its members. Membership is free and allows access to a wide range of teaching resources and the community forums: www.computingatschool.org.uk/.

Join the NoE

The Network of Teaching Excellence in Computer Science (NoE) is co-ordinated by CAS and supported by BCS (The Chartered Institute for IT), Department for Education, Microsoft UK, Microsoft Research, Google, Ensoft and The Council of Professors and Heads of Computing (CPHC).

The aim of this programme is to build a high-quality, sustainable CPD infrastructure by nurturing collaboration between employers, universities, professional bodies, schools and teachers.

You can register your school for free. For more information, see: www.computingatschool.org.uk/index.php?id=member-schools.

Become a Master Teacher

CAS Master Teachers deliver local CPD and play a vital role in developing computing provision in schools across the country.

If you can answer '**yes**' to the following, then the Master teacher programme is for you!
- Are you a teacher in a state maintained school?
- Would you like funding to develop your skills and knowledge of computing in the new national curriculum?

- Are you an experienced teacher with 'good with outstanding' or 'outstanding' teaching seen in your recent lesson observations?
- Can you confidently engage with your peers in a professional environment?
- Do you have the ability to design and deliver practical and interactive workshops for teachers with appropriate course material?
- Do you have a passion about sharing best practice in teaching and learning?

To find out more, visit: www.computingatschool.org.uk/index.php?id=noe-master-teachers.

Join the Microsoft Educator Network

If you're using Microsoft's products, consider joining their educator network. Access free software and tools for student engagement, and view learning activities and tutorials created by educators, with a focus on increasing achievement and participating in a global conversation about education: www.pil-network.com/.

Join ScratchED

ScratchED is an online community for teachers interested in, or already actively working with, the Scratch authoring environment. With ScratchED, educators can share stories, exchange resources, ask and answer questions, and find other educators: http://scratched.gse.harvard.edu/.

BCS Certificate in Computer Science Teaching (CST)

The BCS certificate provides teachers with professional recognition that they are competent teachers of the computer science elements of computing. It is accredited by the BCS and is open to all qualified teachers who are currently teaching computing. For more information, see: www.computingatschool.org.uk/index.php?id=certificate.

MOOCs

There are a number of massive open online courses (MOOCs) for computer science in education; for example, Harvard's CS50x (www.edx.org/course/introduction-computer-science-harvardx-cs50x) and UEA's Teaching Computing. Microsoft also have an extensive portfolio of free online courses: www.microsoftvirtualacademy.com/.