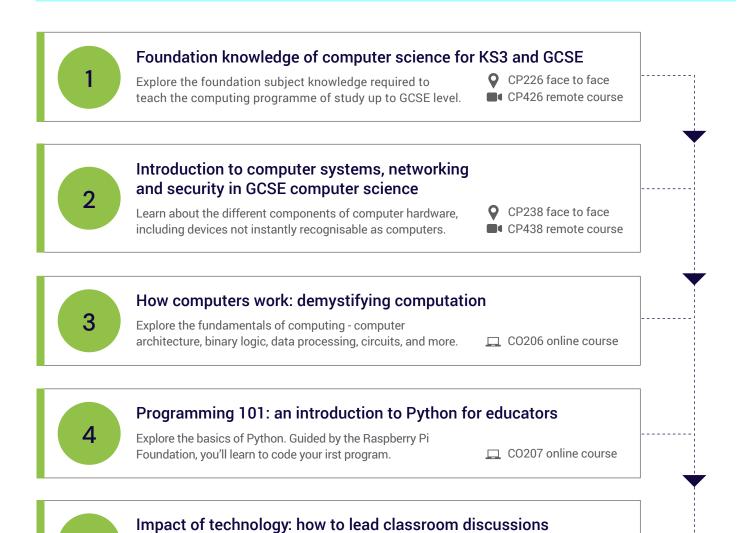


Subject Knowledge Certificate

Learning pathway New to computing

Who is this pathway for?

For teachers who are confident with programming but need help with computer systems and networks, this learning pathway will improve your subject knowledge to meet the requirements of computer science up to GCSE level.



Discover the ethical, legal, cultural, and environmental

concerns surrounding computer science.

CO215 online course



Subject Knowledge Certificate

You will find each of the courses featured below on our website by typing **teachcomputing.org/courses/** and adding the course code at the end of the URL.

Remote courses:

Remote courses are live, interactive online sessions led by an experienced professional development leader.

Other courses to enhance this pathway:

<u>CP223</u> - Python programming constructs: sequencing, selection and iteration (face to face)

CP423 - Python programming constructs: sequencing, selection and iteration (remote)

CP422 - Fundamentals of computer networks (remote)

<u>CP420</u> - Representing algorithms using flowcharts and pseudocode (remote)

Online courses:

On-demand courses that offer a new and exciting way to learn about computing and digital making. Take part in these free online courses and learn at your own pace, in the comfort of your own home.

Other courses to enhance this pathway:

CO209 - Data representation in computing: bring data to life

CO212 - Understanding computer systems

Support to complete your pathway:

- Use the questionnaire on your dashboard to support you to find further suitable courses, based on your level of experience.
- <u>Download the CSA Handbook</u> to find out more about the topics, explore useful resources, identify further CPD and practice sample assessment questions.
- To find out more about the programme, our national support network and how we can help, email the team at info@teachcomputing.org.

Take the next step

Once you have completed your Subject knowledge certificate, if you work in secondary state-funded education you will receive free access to all our courses, including our follow-on <u>Secondary certificate</u>. This qualification can help to upskill your pedagogical practice, curriculum, and leadership.