





Who is this pathway for?

For teachers who are already confident in teaching the GCSE computer science specification and looking to improve student progress and attainment even further, this pathway will guide you through the more advanced elements of the curriculum.






Participate in professional development

Complete two days of professional development, including at least one face-to-face or remote course. You can choose another face-to-face, remote or online course to make up the remaining hours of CPD required to unlock the assessment.

Key CPD to support your development

	Python programming: Advanced subject knowledge, implementation and testing	CP463
	Python programming: Analysis, design and evaluation	CP464
	Programming with GUI's	CO217
	Programming 103: Saving and structuring data	CO219

Additional courses

	Representing algorithms using flowcharts and pseudocode	CP420
	Python programming: working with data	CP433
	Introduction to web development	CO221
	Object oriented programming in Python: Create your own adventure game	CO210
	Introduction to Machine Learning and AI	CO231



Online



Remote



Face to Face

Click on the button with the course code above to proceed to the course page on the website.

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.
- Download the **CSA Handbook** 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 **Secondary certificate**. This qualification can help to upskill your pedagogical practice, curriculum, and leadership.