



Computing CPD – Secondary

March-June 2024

Python programming: working with data (remote)	Tuesday 9 April 2024 09:00-15:45
During the course you'll learn about data types, and how data structures are manipulated in Python programs. You'll create and edit files that can store data for later use, as you begin to develop simple software applications.	
Foundation knowledge of computer science for KS3 and GCSE	Wednesday 17 April 2024 09:15-15:45 John Keats Primary School, London SE16 3FN
The sessions within this course are designed to give you the subject knowledge around key topics such as algorithms, data representation, hardware and programming, whilst also exploring useful and engaging strategies for delivering this content in the classroom.	
Python programming constructs: sequencing, selection & iteration (remote)	Thursday 9 May 2024 09:00-15:45 OR Thursday 16 May 2024 09:00-15:45
Take your first steps to becoming a competent teacher of Python programming; this CPD will develop your foundational knowledge around the Python language. Learn how to write code to input, process and output data, and how to manipulate data stored in variables	
An introduction to algorithms, programming and data in GCSE computer science	Wednesday 15 May 2024 09:15-15:15 Newstead Wood School, Orpington BR6 9SA
Take your first steps towards teaching GCSE computer science and establish a foundational knowledge base of concepts, terminology and classroom practice.	
Introduction to algorithms, programming and data for D&T teachers	2 x Tuesdays 4 and 11 June 2024 09:15-15:15 Harris Academy Sutton, SM2 5RD
Take your first steps towards teaching programming within Design and Technology, during this two-day course you'll explore different programming techniques and how to apply them to popular platforms such as VEX, Crumble and Micro:Bit.	
Python programming constructs: sequencing, selection and iteration	Wednesday 5 June 2024 09:15-15:15 Harris Academy Sutton, SM2 5RD
Take your first steps to becoming a competent teacher of Python programming; this CPD will develop your foundational knowledge around the Python language.	
KS4 computing for all	Wednesday 19 June 2024 09:15-15:45 John Keats Primary School, London SE16 3FN
This action-oriented professional development course explores the options available to teachers in different school contexts.	
The internet and cyber security (remote)	Tuesday 11 June 2024 09:00-15:45 OR Friday 14 June 2024 09:00-15:45
Find out how the internet works and how it has produced many new threats, resulting in the rapidly growing cybersecurity industry. You will build on knowledge of local computer networks to cover the globally connected systems forming the internet	

