



Computing CPD – Secondary

June-July 2024

Foundation knowledge of computer science for KS3 and GCSE	Wednesday 26 June 2024 09:15-15:45 Langley Park School for Boys Hawksbrook Lane, Beckenham BR3 3BP
If you're new, moving towards or an existing teacher of Key Stage 3 / GCSE computer science, then this course will allow you to explore the foundation subject knowledge, required to teach computer science as part of the national curriculum. 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.	
Assembly language in A Level	Thursday 27 June 2024 09:30-12:00 (remote) OR Friday 28 June 2024 09:30-12:15 AT Langley Park School for Boys Hawksbrook Lane, Beckenham BR3 3BP
Dive into the world of assembly language; this CPD will develop both your theoretical knowledge and practical skills in relation to the use of this fundamental, low-level mode of programming for A Level computer science. During this two-hour course, you'll learn the essentials of assembly language including using the Little Man Computer simulator.	
Systems architecture in A Level computer science	Thursday 27 June 2024 13:30-16:00 (remote) OR Wednesday 10 July 2024 09:30-12:15 AT Langley Park School for Boys Hawksbrook Lane, Beckenham BR3 3BP
Unlock the inner workings of computer systems during this course. Delve into the purpose and function of key system components, gaining insight into how they impact overall performance and functionality. Master the fundamentals of Von Neumann architecture and the fetch-decode-execute cycle. You'll evaluate the factors influencing CPU performance through the use of a real-world scenario.	
Computing Quality Framework – driving change within your secondary school	Friday 17 July 2024 15:00-16:30 (remote)
Explore the Computing Quality Framework to identify and support change within your school. You will find out about the framework and how to review their progress in developing computing provision.	

