

Pearson Edexcel GCSE (9–1)

# Computer Science

best prepares your students for A-Level

The **Pearson Edexcel GCSE (9-1) Computer Science** qualification reflects the fast-changing world of Computer Science. It helps students develop the computational skills they need to progress to A level and beyond.

**We do not compromise** on content, giving students breadth of knowledge for GCE.

**Practical, on-screen assessments** provide a fully immersive coding experience and prepares students to think programmatically - the closest experience to A level AQA Paper 1.

**Topics unique to Pearson Edexcel** at GCSE are a steppingstone to the study of A level AQA e.g 'The meaning of the stored program concept', 'The Fetch-Execute cycle and the role of registers within it', 'Units' and 'Signed binary using two's complement'.

**Practical programming with a focus on Python** is ideal preparation for A level OCR coursework to independently solve a real-life problem.



Our **GCSE (9-1) Computer Science** qualification offers an exciting, practical focus on real-life programming, developing skills relevant to the future.

**Practical, on-screen assessments** create an **interactive coding environment** that readies students for advanced programming tasks without the need for internet access.

**Python** used as the programming language to simplify delivery and allow focus.

Exam questions **expertly ramped** for a gradual increase in difficulty, **helping build confidence for students.**

**Comprehensive teacher support** through our materials and the expertise of our subject advisor, Tim Brady.

**Schools choose their own IDE** for delivery and the on-screen exam.

# Prepare your students for Level 3 with Pearson Edexcel GCSE (9-1) Computer Science

**Did you know** that Pearson Edexcel GCSE (9-1) Computer Science is also excellent progression for other Level 3 qualifications?

## BTEC

The externally assessed units 1, 3 and 4 in the BTEC National Computing pathway are **directly related** to the GCSE Computer Science course content.

Pearson Edexcel Computer Science GCSE has **relevance to both** the externally (unit 11) and the internally (Unit 4, 7 and 8) assessed units of work of Btec National IT suite.

## T-Level

Elements of the T-Level in Digital Production, Design and Development are **directly addressed by the subject knowledge and experience** of the GCSE Computer Science course. One of the written examinations and the 'Employer Set Project' are Python based programming.



*At The Perse School, we were looking for a GCSE qualification which would better prepare our students for the programming step-up required at A Level. We were delighted when Edexcel launched their current GCSE specification and switched to it immediately. This course choice has been validated by increased uptake at A Level with students so much more equipped with coding/debugging skills and familiarity with hands-on use of an IDE.*

Paul Baker, Head of Computing & Digital Strategy at The Perse School

