

Computer Science

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Qualification overview



- **Edexcel Pearson GCSE (9-1) Computer Science**
- The qualification has a straightforward structure with six comprehensive topic areas, assessed through two externally-examined papers.
- One of these is a written paper focused on computational thinking, data, computers, networks, and issues and impact of computing in the world today.
- The other is a practical onscreen assessment, which focuses on the ability to analyse and solve problems by designing, writing, testing and refining programs.
- The qualifications combination of written and practical elements balances theory and practical application, providing students with a rounded experience of computer science.*

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https://qualifications.pearson.com/content/dam/pdf/GCSE/Computer%20Science/2020/specification-and-sample-assessments/GCSE_L1_L2_Computer_Science_2020_Specification.pdf

Assessment overview



- The Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Computer Science consists of two externally-examined papers.
 - **Paper 1 is a written examination**
 - **This is worth 50% of total mark - 75 marks available in exam**
 - **Paper 2 is a practical onscreen assessment**
 - **This is worth 50% of total mark - 75 marks available in exam**
- Students will be assessed after every major unit to check knowledge and understanding as well as mock exam throughout their time in year 10 and 11 resulting in the final set of exams at the end of year 11.

To be successful, you must



- Be **focussed** in your studies
- Show **resilience** and **effort**
- Have a good mind for **mathematics**
- Be able to think in a **clear and logical way**
- Be able to **recognise problems** and **develop methods** to solve them in a **variety of different approaches**
- Be able to **learn a considerable amount of theory** for Computer Science
- Have **good knowledge of recall** for assessments and exams
- Be **comfortable using a computer**
- Be **ready to learn a programming language** to help with understanding and assessment
- **Be able to accept that as part of the learning process you will make many mistakes-** but see these as **opportunities for learning**

ASPIRE • BELIEVE • ACHIEVE

Next steps & Enrichment opportunities

- This qualification can lead to studying Computer Science at A level or Level 3 BTEC courses related to the subject
- There are many jobs and careers linked to Computer Science- such as software development, network managers and game developers to name but a small fraction out there!
- Getting involved in Computing! -trying out some programming languages (such as Python) and practicing at home is a great way to get started in this subject.
- Also reading up on and looking out for all current news on the subject, the developments in technology that make headline news.



Questions?

