Course Title	GCSE Computer Science
Exam Board	OCR
Exam Board Website	www.ocr.org.uk
Course Code	J277
Controlled Assessment/Exam Weighting	100% Exam

Course Description:
The aims and objectives of this qualification are to enable pupils to: • Understand and apply the fundamental principles and concepts of computer science, including abstraction, decomposition, logic, algorithms, and data representation • Analyse problems in computational terms through practical experience of solving such problems, including designing, writing and debugging programs • Think creatively, innovatively, analytically, logically and critically • Understand the components that make up digital systems, and how they communicate with one another and with other systems • Understand the impacts of digital technology to the individual and to wider society • Apply mathematical skills relevant to computer science Specification HERE
Assessment:
Split equally into two 50% 1.5 hour exams: **Component 1: Principles of Computer Science (Paper code: 1CP1/01)** Written Examination - 1 hour and 40 minutes 50% of qualification **Component 2: Application of Computational Thinking (Paper code: 1CP1/02)** Written Examination - 2 hours 50% of qualification
This course is suitable for:
Pupils who have a desire to work with code/ computing systems in their future careers. Pupils who have an aptitude for solving problems analytically and a strong grasp of mathematics. This course is designed to give pupils the ability to build on what they already understand within the world of computing. With this knowledge they will be the best prepared to develop solutions in the new age technological world. They will be able to code solutions to solve every day, real life, issues and be given the chance to develop their own programmes.
Careers/Jobs
Application analyst, business analyst, data analyst, database administrator, games developer, information systems manager, IT consultant, multimedia programmer At Etone College Sixth Form, pupils can continue studying an A Level in Computer Science provided they meet the entry requirements of a grade 6 or higher in GCSE Computer Science.
FOR FURTHER INFORMATION CONTACT:

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