This carefully planned course gives students a real, in depth understanding of how computer technology works. It offers an insight into what goes on ‘behind the scenes’, including computer programming, which many students find absorbing.

You will:

● develop an understanding of current and emerging technologies and how they work

● look at the use of algorithms in computer programs

● become independent and discerning users of IT

● acquire and apply creative and technical skills, knowledge and understanding of IT in a range of contexts

● develop computer programs to solve problems

● evaluate the effectiveness of computer programs/solutions and the impact of computer technology

in society

Who should I talk to? Mr Dhaled

Previous results: 2020-21: 17.9% 9-7; 57.1% 9-5; 89.3% 9-4 2019-20: 17.6% 9-7; 64.7% 9-5; 82.4% 9-4 2018-19: 5.3% 9-7; 47.4% 9-5; 78.9% 9-4

Post-16 Opportunities: Candidates who are awarded Grades 9 to 5 at GCSE would be well prepared for study at Level 3 within the National Qualifications Framework (A levels or their vocational equivalents).

Beyond Level 3 qualifications, students can complete undergraduate programmes, such as BSc degrees in Computing or Computer Science.

Careers: Programmer, software engineer Systems analyst, consultant Computer sales support Database analyst/designer Computer help desk/user support Network administrator Internet of Everything Cloud Computing Forensic computing/computer security Computer Games Computing researcher Business Intelligence Technical author Cybersecurity Big Data Analyst/programmer Systems designer Systems engineer Patent work IT Sales and Marketing Computer manager/data processing manager Artificial Intelligence