

## Computer Science Course Information

Title of Course	<b>Computer Science</b>
Exam Board	AQA
Syllabus title	A-level Computer Science
Course Code	7516/7517
Course Content	Programming and data structures, Data representation, Computer systems and uses of computers, Communication and Networks, Database
Assessment and weighting	On screen exam 40% Written Paper 40% Coursework 20%
Trips/visits	
Future opportunities/ careers	Programming, software engineering, gaming industry etc. There is also demand for programmers in medical research, entertainment and music industry etc.

## Computer Science Person Specification

	<b>Essential:</b>
Qualifications/ School record	<ul style="list-style-type: none"><li>• 5 in English</li><li>• B in Computing and 6 in Maths</li><li>• Good attitude to learning in GCSE Computing</li></ul>
Attitude/Qualities	<ul style="list-style-type: none"><li>• Hard working</li><li>• Determined</li><li>• Keen to learn</li><li>• Attention to detail</li></ul>
Skills	<ul style="list-style-type: none"><li>• logical</li><li>• problem solver</li><li>• Independent thinker</li><li>• Organised</li></ul>
Experience	<ul style="list-style-type: none"><li>• Experience in writing Python code to solve simple problems</li></ul>
	<b>Desirable:</b>
Qualifications/ School record	<ul style="list-style-type: none"><li>• Keen interest in programming</li></ul>
Skills	<ul style="list-style-type: none"><li>• Strong logic skills</li><li>• Good written skills</li></ul>
Experience	