



### GCSE OCR Computer Science at Brookvale Groby Learning Campus

<b>Course</b>	GCSE OCR Computer Science
<b>Introduction To Course</b>	<p>GCSE Computer Science at Brookvale Groby Learning Campus follows the OCR J277 specification. This course will develop your problem solving skills, your technical thinking along with some maths. If you enjoy solving problems, programming and learning about how computers work, then this is a course for you.</p> <p>There are two main papers that will be covered over the two years (Y10 to Y11). Some of the topics covered over the two papers are:</p> <ul style="list-style-type: none"><li>• Memory</li><li>• Networking</li><li>• Security</li><li>• Ethics and the Laws</li><li>• Data representation</li><li>• Algorithmic writing</li><li>• Programming</li><li>• And Logic</li></ul> <p>The two papers are both worth 50% of the course, with each exam lasting 1 hour and 30 minutes.</p>
<b>Who To Speak To</b>	<p>Miss Jackson – Lead Teacher of Computer Science at KS4 and KS5 (<a href="mailto:ajackson2@brookvalegroby.com">ajackson2@brookvalegroby.com</a>)</p> <p>Mr Temperton – Teacher of Computer Science and Mathematics (<a href="mailto:ptemperton@brookvalegroby.com">ptemperton@brookvalegroby.com</a>)</p>
<b>Course Calendar</b>	<p>Please use the link below to see what your son/daughter/dependant will be studying in the weeks ahead:</p> <p>Year 10 link: <a href="#">BCI KS4 CS Y10 Student Calendar 23-24</a></p> <p>Year 11 link: <a href="#">BCI KS4 CS Y11 Student Calendar 23-24</a></p>
<b>Help &amp; Support</b>	<p>In the Business, Computing and Information Technology (BCI) faculty we offer the following to students to ensure their secure their own achievement:</p>



	<ul style="list-style-type: none"><li>▪ Lunchtime and after-school revision sessions which offer students support in preparation for the GCSE examinations in July.</li><li>▪ Updates on Google classrooms.</li><li>▪ Proactive support and contact with students via email, meetings and conversations.</li><li>▪ Contact home for underachieving students.</li><li>▪ Mentoring through the Key Marginals programme.</li></ul>
<b>Course Support Materials For Students/Parents</b>	<u>Year 10 and 11 GCSE Computer Science Specification:</u> <a href="https://www.ocr.org.uk/Images/558027-specification-gcse-computer-science-j277.pdf">https://www.ocr.org.uk/Images/558027-specification-gcse-computer-science-j277.pdf</a>
<b>Useful Links</b>	Craig 'n' Dave YouTube tutorials Y10 and Y11 Course – <a href="https://www.youtube.com/c/craigndave/playlists?view=50&amp;sort=dd&amp;shelf_id=15">https://www.youtube.com/c/craigndave/playlists?view=50&amp;sort=dd&amp;shelf_id=15</a>
<b>Study Revision Guide Information</b>	<b>GCSE Computer Science OCR Revision Guide</b> ISBN - 9781782946021
<b>Exam Dates</b>	Paper 1 – Computer Systems – TBC  Paper 2 – Computational thinking, algorithms and programming – TBC