

Computer Science Year 11

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics	NEA: Controlled Assignment Task	Paper 2: Producing robust programs and Computational Logic	Paper 2: Translators and facilities of languages and Data representation	Paper 1 Revision- Recap of most challenging areas of topic 1.1 to 1.8	Paper 2 Revision- Recap of most challenging areas of topic 2.1 to 2.6	Paper 1 and 2 Revision- Topics upon student request
Assessment	Written Report, Completed Program	End of topic tests, portfolio of tasks.	End of topic tests, portfolio of tasks. Paper 1 Mock Exam	Past Papers	Final Exam Papers 1 and 2	Final Exam Papers 1 and 2
H/WK	Research into Required programming techniques	Craig 'n' Dave Videos- Cornell Notes	Craig 'n' Dave Videos- Cornell Notes	Craig 'n' Dave Videos- Cornell Notes	Revision and Past Papers	Revision and Past Papers
Arts Mark	Accurate technical drawings	Accurate technical drawings	Accurate technical drawings including graphs. Pixel Art	N/A	N/A	N/A

Building on prior learning	Year 11 begins with a challenging programming project to test and stretch their programming skills from year 10 to produce a small program for a given scenario. Year 11 revisits topics from year 10 for revisions while developing in areas like Computational logic and Data Representation.
Enrichment within the Curriculum	Trip to Bletchley Park and National Museum of Computing
Extracurricular opportunities	Coding workshops involving experimenting with BBC Microbits and Raspberry Pi's. Revision workshops.
Positive impacting on personal development (SMSC)	Opportunity to work on a programming project to build confidence and independence. Bletchley trip builds on discovering the importance of female roles in Computing and the positive effect that Computer Science has had on our History in Britain.
Preparing for the next stage of education	The GCSE covers all the main topic areas to prepare them for A Level and encourages independent thinking and research throughout the 2 years. Year 11 also includes an A-Level taster session.
Ways to support your child's learning	Praise for effort rather than being 'clever' shows them that by working hard they can always improve
Visits and trips Websites / books /papers / magazines TV/Films Blogs/ podcasts	<ul style="list-style-type: none"> • Purchase the CGP revision guide which runs alongside the course • If possible watch the YouTube HW videos with your child and get them to explain the content to you. • Encourage them to read the latest technology and innovation blogs online (like www.computerweekly.com/blogs) • Watch films and documentaries relating to Bletchley park like 'Code-Breakers: Bletchley Park's Lost Heroes' and 'Bletchley Park: Code-breaking's Forgotten Genius'