

Computer Science Edexcel GCSE

Year 11

Please use this route through to find out what students are learning in the classroom and beyond.
Please contact us or visit our website for more information.

Subject	What are students learning in lessons?	What are students learning in home learning?
Autumn Term 1	Computer Software: purpose and functionality of operating systems and utility software. Producing Robust Programs: maintainability and subroutines.	1 hour per week: complete and mark pages from home learning book (Computer Science Revision Workbook) reviewing knowledge from previous topics.
Autumn Term 2	Networks: Understand what a network is, why we need it and how it works including 4-layer TCP/IP Model, protocols and attributes. Producing Robust Programs: fixing and improving existing programs.	1 hour per week: complete and mark pages from home learning book (Computer Science Revision Workbook) reviewing knowledge from previous topics.
Spring Term 1	Issues and Impacts: environmental, ethical and legal issues and impacts. Cybersecurity: types of malware, social engineering and methods of protection against threats. Programming: developing understanding of how to create a program from a set of instructions.	1 hour per week: complete and mark pages from home learning book (Computer Science Revision Workbook) reviewing knowledge from previous topics.
Spring Term 2	Revision and exam preparation for GCSE exams.	1.5 hours per week: past papers and exam style questions.
Summer Term 1	Revision and exam preparation for GCSE exams.	Minimum of 1 hour per week: past papers and exam style questions.
Summer Term 2	Course complete.	Course complete.
Every mark matters	Assessment	Key contacts
	Students think hard, answer lots of questions and get feedback on their work every lesson. Mocks: Autumn 2. PPE: Spring 2. GCSE Exams: Summer 1 and 2.	Head of Subject: Matt.Baker@theregisschool.co.uk