Curriculum Overview

ICT & COMPUTING

Curriculum Overview

KS3	Autumn Term		Spring Term		Summer Term	
Year 7	Induction (Logging on, Google classroom and email) X1 - Computer Scientist Careers X5 - Data representation	X6 - Computer systems	X6 - Spy school spreadsheet tasks	X3 - E Safety - Personal data, Social Media, Cyber bullying X3 - Idea Badges for certification	X6 - Programming - Computational thinking	X6 - Theme park project
Year 8	X1 - Computer scientist careers X6 - Data representation - X5	X6 - Computing and Networking -	X3 - E Safety - Personal data, Social Media, Cyber bullying X3 - Logo Quiz in Excel by Video ..	X3 – Excel Quiz development X3 - Computational thinking X1 Then Programming X2	X8 - Programming X6 then sorts and searches X2	X4 - Stop animation project.
Year 9	X1 - Escape room X6 - Data Representation	X7 - Getting to know a computer	X6 - Networking includes protocols.	X10 - Programming	X7 Introduction to Database	X3 - Security and Acts – Cyber go. X1 - Summer quiz
How can parents help?						

KS4	Autumn Term	Spring Term	Summer Term
Year 10	Discovering a greater understanding of the topics New Specification J277 X1 Escape Room	1.4 System security 1.5 System software	2.1 Algorithms * 2.2 Programming techniques

		1.6 Ethical, legal, cultural and environmental concerns	2.3 Producing robust programs
	1.1 System Architecture 1.2 Memory and Storage 1.3 Networks	**Paper 2** 2.1 and Programming	2.4 Computational logic 2.5 Translators and facilities of languages
Year 11	Cementing the knowledge of the curriculum for OCR. J277 X1 Escape room **Paper 2** 2.1 Algorithms * 2.2 Programming techniques 2.3 Producing robust programs 2.4 Computational logic 2.5 Translators and facilities of languages	2.1 Algorithms * 2.2 Programming techniques 2.3 Producing robust programs 2.4 Computational logic 2.5 Translators and facilities of languages	1.6 System security 1.7 System software 1.8 Ethical, legal, cultural and environmental concerns **Exam**
How can parents help?			