

Computing

	Autumn Term		Spring Term		Summer Term	
Year 7	File management & E-safety	File management & E-safety Scratch	Scratch Programming with micro: bit	Programming with micro: bit	Flowol	Flowol Kodu
Year 8	Graphics	Graphics Introduction to programming in python	Introduction to programming in python Website – using serif	Website – using serif	Spreadsheet	Spreadsheet Kodu
Year 9 ICT	Serif skills (web plus, Draw Plus , photo shop),	Serif skills (web plus, Draw Plus , photo shop), DA201 Parctice	Coursework completion – Unit DA203 Prep (Level 2) Exam scenario prep – Unit DA201	Coursework completion – Unit DA203 Prep (Level 2) Exam scenario prep – Unit DA201	Coursework completion – Unit DA203 Prep (Level 2) Exam DA201	Coursework completion – Unit DA203 Prep (Level 2)
Year 9 Computing	Programming in python 5. Programming	Advanced programming in python 5. Programming	Programming Project	Programming Project	Computational thinking, algorithms and programming Units 3-4	Computational thinking, algorithms and programming Units 5-6

	1. Hardware 2. Software 3. Memory & Storage.	4. Logic 6. Moral, Legal & Environmental issues	7. Data Representation	Units 1-2		
Year 10 ICT	Serif skills (web plus, Draw Plus , photo shop),	Serif skills (web plus, Draw Plus , photo shop), DA201 Parctice	Coursework completion – Unit DA203 Prep (Level 2) Exam scenario prep – Unit DA201	Coursework completion – Unit DA203 Prep (Level 2) Exam scenario prep – Unit DA201	Coursework completion – Unit DA203 Prep (Level 2) Exam DA201	Coursework completion – Unit DA203 Prep (Level 2)
Year 10 Computing	Revisit programming skills	Computational thinking, algorithms and programming Units 1-6	Computational thinking, algorithms and programming Units 1-6	Computer Systems – Units 4 – 8 Computational thinking, algorithms and programming	Programming project Controlled Assessment prep Controlled Assessment - programming project unit *Strict	Programming project Controlled Assessment prep Controlled Assessment - programming project unit *Strict
Year 11 ICT	Controlled assessment Unit B061 & ICT Theory Revision & Exam Prep	Controlled assessment Unit B061 & ICT Theory Revision & Exam Prep	Unit B063 – ICT Theory Revision & Exam Prep	Unit B063 – ICT Theory Revision & Exam Prep	Revision B061 & B063	
Year 11 Computing	Controlled assessment	Controlled assessment	Revision for algorithms and	Revision for computer systems	Revision for computer systems	

			programming	and algorithms and programming	and algorithms and programming	
Year 12	PowerPoint – teach skills using MS PowerPoint	Word processing – teach skills using MS Word	Spreadsheets – teach skills using Excel	Improving productivity	resits	resits
Year 12	Unit 1: LO1/LO2 – Hardware & Software Unit 2: LO1/LO2 – Information storage, transmission and classification	Unit 1: LO3/LO4 – Business IT systems & Communication skills Unit 2: LO3/LO4 – Use of Information & legal frameworks	Unit 1: LO5 – Ethical & operational issues Unit 2: LO5 – Process flow of Information	Revision & Mock Exam	Cyber Security – Product Development	Cyber Security – Product Development
Year 13	Unit 3 - Cyber Security Unit 8 - Project management & Unit 8 - Product development	Unit 3: LO1/2 Understand what is meant by cyber security & Understand the issues surrounding cyber security. Unit 8 - Project management & Unit 8 - Product development	Unit 3: LO3/4 Understand measures used to protect against cyber security incidents & Understand how to manage cyber security incidents.	Unit 3: Prep for exam Unit 8 - Project management & Unit 8 - Product development	Unit 3: Prep for exam Unit 8 - Project management & Unit 8 - Product development	