

Subject: ICT & Computing

		Hours taught per fortnight	Topics Covered:		
			Term 1:	Term 2:	Term 3:
Key Stage 3	Year 7	2	Data Handling – Top Trumps	Yr7 E-Safety Project Introduction to Computing – Python Programming	Modelling – Spreadsheets Formulas/Functions/What IF
	Year 8	2	Website Design – HTML Contentious Issues Project	Yr8 E-Safety Project Introduction to Computing – Python Programming	Digital Media Project Video Editing/Image Manipulation/Sound recording & editing
	Year 9	2	Introduction to Computing – Python Programming	Yr9 E-Safety Project Continuation of Computing – Python Programming	Preparation for GCSE ICT /Computing Courses Code Academy/ ICT Skills Building
GCSE Exam Board / Specification (link):			Edexcel – GCSE ICT		
Key Stage 4	Year 10 ICT	5	Teaching Block 1 – Mobile Phones/Communication Devices Skills Builder Block 1 – Investigation skills/Animated Graphics/Image Editing/Data Handling	Controlled Assessment Brief – Activity 1	Teaching Block 2 – Online Shopping/Account Management/Security Risks/Organisations & Data/DPA Skills Builder Block 2 – Modelling with spreadsheets: Arrays/LOOKUPS/Variables/Developing & Testing
	Year 11 ICT	5	Teaching Block 3 – Networks/Security/Lifestyles/Behaviours Skills Builder Block 3 – Audience/Storyboard Design/House style Teaching Block 4 – Social Networks/Wikis/Blogs/Function & Features	Controlled Assessment Brief – Activity 2 Skills Builder Block 4 – Image editing/Basic & Advanced Skills/Video & Sound Editing	Controlled Assessment Brief – Activity 3 Controlled Assessment Brief – Activity 4

Key Stage 4	GCSE Exam Board / Specification (link):			OCR GCSE Computing	
	Year 10 COMP	5	Computer Systems CPU Memory Inputs/Outputs/Storage	Controlled Assessment – Practical Secondary Storage Operating System Utilities Software	Networks The Internet DBMS Algorithms Programming Languages/ Handling Data
	Year 11 COMP	5	Representation of data – Units/Number/Character/Images Sound/Instructions	Controlled Assessment – Practical	AF51 Revision Controlled Assessment - Practical
Key Stage 5	A-Level Exam Board / Specification (link):			OCR – Cambridge Technical Introductory Diploma in IT	
	Year 12 - ICT	9	Unit 1 – Communication & Employability skills for IT LO1 & LO2 Unit 2 – Information Systems LO1 & LO2	Unit 1 – Communication & Employability skills for IT LO3 & LO4 Unit 2 – Information Systems LO3 & LO4	Unit 16 – 2D Animation Production Preparation Unit 27 – Digital Graphics Preparation
	A-Level Exam Board / Specification (link):			OCR – Cambridge Technical Introductory Diploma in IT	
	Year 13 ICT	9	Unit 16 – 2D Animation Production LO1 & LO2 Unit 27 – Digital Graphics LO1 & LO2	Unit 16 – 2D Animation Production LO3 & LO4 Unit 27 – Digital Graphics LO3 & LO4	Unit 9 – Project Management Unit 12 – Website Production
	A-Level Exam Board / Specification (link):			OCR – A Level Computer Science	
Year 12 - Computing	9	Computing Principles - 01	Algorithms and Problem Solving		
A-Level Exam Board / Specification (link):			OCR – A Level Computing		
Year 13 - Computing		F453 - Advanced Computing Theory	F454 – Computing Project		