

Curriculum Mapping & Progression 2021 – 22

ICT Department

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ICT Department

Year Group	Course	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
12	AECDL (Elective)	Presentation		WP		Spreadsheets		Databases		IP			
	Cam Tech. Media (AG)	Understanding Audience Exam 10 th January					Advertising ^{*1, 2, 6, 7}			Pathway Option (Sound Comic Books) ^{*1, 2, 6, 7}			
	Cam Tech. Media (HSB)	Create a Media Product ^{*1, 2, 6, 7}			Advertising ^{*1, 2, 6, 7}		Pathway Option (Sound or Comic Books) ^{*1, 2, 6, 7}						
	BTEC ICT (Traditional)	Creating systems to manage information ^{*1, 2}				Exam 12 th & 13 th	Social Media in Business ^{*2}				Web Design Prep		
	BTEC ICT (Gaming)	Gaming Engine Scripting				2D Animation ^{*1, 2}				Game Testing			
	Computer Science (1) HSB	Programming Practice		Programming Challenges ^{*8}									
	Computer Science (3) AS	Legal & Ethical	Comms Basics & Methods										
	Computer Science (5) MB	Programming Basics ^{*8}		Coding Systems ^{*3}	Algorithms ^{*8}	Data Representation ^{*3}	Logic ^{*3}	Internal Hardware ^{*9}	Networks & Internet	Exam Prep	Databases ^{*3, 8} & NEA		
13	Cam Tech. Media (9) AG	Photography or TV & Short Film ^{*1, 2, 6, 7}				Interactive Media or TV & Short Film		Animation or Audio Visual					
	Cam Tech. Media (HSB)	Unit 2 – Exam Prep – Exam 14 th Jan											
	BTEC IT (Traditional)	Web Design ^{*1, 2}	IT Systems Exam 17 th Jan				Web Design ^{*1, 2, 6, 7}						
	BTEC IT (Gaming)	Game Testing	Game Design										
	Computer Science (4) AS	NEA ^{*1, 2, 6, 7} TCP/IP, Client Sevrver, Network Security ^{*10}						H/ware ^{*9}	Revision	Exam 11 th June			
	Computer Science (5) MB	Programming Paradigms ^{*8}		Tracing Algorithms ^{*8}	Dictionaries, vectors and sets. ^{*8}	Pre-release. ^{*8}	Algorithms and Big O. ^{*8}	Big Data. ^{*8, 4}	Revision & Exam Prep	Exam 3 rd June			

Development of Strands Year Key Stage 3 - 5

- 1 *Development of project planning skills*
- 2 *Development of presentation skills, effective use of tools to present information to an audience*
- 3 *Software skills*
- 4 *Data Representation*
- 5 *Security of data and systems*

- 6 *Reviewing and improving*
- 7 *Research skills*
- 8 *Programming*
- 9 *Hardware*
- 10 *Networking*