ORMISTON
DENES ACADEMY
ASPIRATION · INTEGRITY · RESPECT

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	Spreadsheets	Spreadsheets	Digital messaging and online safety	Digital messaging	Brand and digital imaging	Brand and digital imaging
Year 8	Mobile App creation	Mobile App creation	Computer Networks	Computer Networks	Digital transfer around the internet	Block editing programming
Year 9	Binary to denary conversion and binary addition	Block coding leading to textual coding programming	Block coding leading to textual coding programming	How binary can be converted/interpreted as images	How binary can represent colours in pixels and how to calculate digital image file sizes	How binary can represent audio and audio file manipulation
Year 10 Computer Sciene	Sequence, Selection and Iteration. Flowcharts. Concatenation	Functions, Procedures, Parameters, Utility Software, Embedded Systems	Arrays, Lists, File manipulation, Low level languages, Complilers, Interpreters, LANs, WANs, Networks	SQL, DB Construction, bits, kb, mb, gb, transmission rates, Binary Search, Linear Search	Network Protocols, Topologies, Security	GUI creation using Tkinter Library, Binary representations.
Year 11 iMedia	R099 Preperation doing practice assignment. Mind Maps, Mood boards, Work Plans, mood boards, scripts, storyboards, visualisation diagrams. Recall	R099 NEA Theory: Flowcharts, Media Codes, Wireframes, Asset logs, Legal Issues, Regulation, Health and Safety, Recces and Risk Assessments. Recall of last year's knowledge	Complete R099 NEA. File Formats, Sectors and products of the media industry, Job roles	Revision of all theory topics.	Revision of all topics.	

	of last year's knowledge					

*Full and detailed curriculum maps used by the Academy are available on request