Curriculum Sequencing Grid

Subject	WJEC Level 1/2 Vocational Award ICT (Technical Award)		Year	10	

	Term 1		Term 2		Term 3	
	HT1	HT2	HT3	HT4	HT5	HT6
Component	2.4 Planning, creating, manipulating and storing images	2.1 Planning, creating, modifying and using database	2.3 Planning, creating and modifying an automated document	2.2 Planning, creating, modifying and using spreadsheets	2.2 Planning, creating, modifying and using spreadsheets 1.1.1 Functionality of different hardware devices	1.1.1 Functionality of different hardware devices 1.1.2 Functionality of different software
Developing Cultural Capital	Understanding the planning process of a project and applying this to a digital graphics brief.	Understanding the planning process of a project and applying this to a database brief.	Understanding the planning process of a project and applying to this to an automated document brief.	Understanding the planning process of a project and applying this to a spreadsheet brief.	Understanding the planning process of a project and applying this to a spreadsheet brief. Understanding of different hardware devices including desktop PCs, laptops etc.	Understanding of different hardware devices including desktop PCs, laptops etc. Understanding of different software including system software, applications software etc.
Substantive Knowledge/ Disciplinary Knowledge	**Substantive Knowledge:** > The planning documentation involved with creating a digital image > Image creation software (Photoshop) > Exporting images > The evaluation processes involved with a project **Disciplinary Knowledge:** > Create appropriate planning documentation > Create an original image through image manipulation > Exporting the final image using the most appropriate file types > Evaluation of the project	**Substantive Knowledge:** > The planning documentation involved with creating a database > Database software (Access) > Validation techniques > Interrogating a database > Creating a user interface > The evaluation processes involved with a project **Disciplinary Knowledge:** > Create appropriate planning documentation > Create a database solution based on a brief > Utilsing appropriate validation techniques > Interrogating a database using queries > Create a user interface > Evaluation of the project	**Substantive Knowledge:** > The planning documentation involved with creating an automated document > Word processing software (Word) > Structured data sources > Standard documents > The evaluation processes involved with a project **Disciplinary Knowledge:** > Create appropriate planning documentation > Create an automated document solution based on a brief > Create a data source > Create a standard document > Evaluation of the project	**Substantive Knowledge:** > The planning documentation involved with creating a spreadsheet > Spreadsheet software (Excel) > Appropriate formatting > Validation techniques > Data modelling > The evaluation processes involved with a project **Disciplinary Knowledge:** > Create appropriate planning documentation > Create a spreadsheet solution based on a brief > Apply appropriate formatting > Apply appropriate validation techniques > Evaluation of the project	**Substantive Knowledge:** > The planning documentation involved with creating a spreadsheet > Spreadsheet software (Excel) > Appropriate formatting > Validation techniques > Data modelling > The evaluation processes involved with a project > Computing devices > Input devices > Output devices > Storage devices > Basic internal components > Ports **Disciplinary Knowledge:** > Create appropriate planning documentation > Create a spreadsheet solution based on a brief > Apply appropriate formatting > Apply appropriate validationt techniques > Evaluation of the project > Application of knowledge when attempting examination questions	**Substantive Knowledge:** > Computing devices > Input devices > Output devices > Storage devices > Basic internal components > Ports > Systems software > Applications software > Utility software > Specialist software > Information handling software > Open source software > Communication software **Disciplinary Knowledge:** > Application of knowledge when attempting examination questions
Cross Curricular Links	Project planning Logical thinking Problem solving Digital literacy Post-16 pathways	Project planning Logical thinking Problem solving Digital literacy Post-16 pathways	Project planning Logical thinking Problem solving Digital literacy Post-16 pathways	Project planning Logical thinking Problem solving Digital literacy Post-16 pathways	Project planning Logical thinking Problem solving Digital literacy Post-16 pathways	Logical thinking Problem solving Digital literacy Post-16 pathways
Vocabulary	Examination command words published and used by WJEC and vocabulary List by WJEC through textbooks, noted in a list:		**Link**			
Assessments	NEA Assessment set by WJEC exam board	NEA Assessment set by WJEC exam board	NEA Assessment set by WJEC exam board	NEA Assessment set by WJEC exam board	NEA Assessment set by WJEC exam board	1.1.1 SPA Assessment 1.1.2 SPA Assessment