



WJEC IT Vocational

INDEPENDENCE	KNOWLEDGE / LITERACY	CONTENTS / CONCEPT	Term 1 Skill Building in preparation for the controlled assessment (Unit 2) Practical Lesson that involve students learning how to create/modify: - Databases - Mail Merge - Spreadsheets	Term 2 Skill Building in preparation for the controlled assessment (Unit 2) Controlled Assessment (Unit 2) Teaching will continue on the assessment days especially in do-now and plenaries to recap their skills – this cannot be related to the live assessment	Term 3 Controlled Assessment (Unit 2) Teaching will continue on the assessment days especially in do-now and plenaries to recap their skills – this cannot be related to the live assessment	Term 4 Controlled Assessment (Unit 2) Theory lessons Unit 1 - Data/Information/Knowledge (1.2.1) - Input/Output/Storage devices (1.1.1) - Hardware (1.1.1) - Software (1.1.2) - Network – Protocols, Topologies, (1.2.3)	Term 5 → year 11 Unit 1 Theory - Different types of network (1.2.4) - Threats to Networks (1.2.3) - IT Services – Gaming, Social Networking, E-Commerce, Industry, Banking, MIS, E-commerce, Accessibility (1.1.3) - Risks and threats to computers (1.3.1 – 1.3.3)	Term 6 → Year 11 Unit 1 Theory - Data protection Act (1.3.4) - Computer Misuse Act & Communications Act (1.3.4) - Health and Safety Act (1.3.5) - IT and the workplace (1.3.6) - Transport (1.3.6) - E-Waste (1.3.6) - E-safety (1.3.6)		
			Unit 2 keywords Database, Field, Record, Query, Report, Form, Graphical User Interface (GUI), Entity Relationship, Primary Key, Spreadsheet, Row, Column, Formatting, Sheet, Merge, Formula, Operators, Absolute, Cell, Word Processing, Format, Mail Merge, Alignment, Graphics, Crop, Manipulate, Filter, Rotate, Font, Distort, Skew, Client Brief, Copyright, Referencing, Internet, Search, Filter, Sort, Interrogate, Goal Seek, Validation, Verification					Unit 1 keywords Data, Information. Knowledge, Meaningless, Meaningful, Input, Mouse, Keyboard, Touch Screen, Output, Camera, Projector, Printer, Storage, Hard Drive, Solid State, RAM, ROM, Hardware, Motherboard, Ports, Software, Application, Utility, Operating System, Network, Star, Bus, Ring Mesh, LAN, WAN, Wireless, Radio, Frequency, Internet, Intranet, Extranet, Cloud Computing, Hub. Switch, Router, Bridge, Modem, Access Point, Encryption, Decryption, Hacking, Cracking, Malware, Virus, Scam, Social Engineering, Spyware, Rootkit, Bluetooth, NFC, Bit,Nibble, Byte, Kilobyte, Megabyte, Gigabyte, Terabyte, Megabit, Ransom Ware, DDoS, Biometric, Firewall, Anti-Virus, Authentication, Cookies, Cyberbullying, Digital Footprint, E-Commerce, E-Waste, Key Logging, Open Source, Protocol, password, validation, wearables, teleworking		
			SKILLS Creating Databases, Spreadsheets, Graphics, Word Processing Interrogating: Using Validation, Verification, and Querying, Calculations to achieve a result and check that data is valid Explaining: Being able to explain what skills they have used and how they have applied them to the task Testing: Being able to test their creations to check that they have met the clients brief. Adaptation: Being able to change their work to use all testing is correct Evaluation: Being able to evaluate their work and explain what they have done, how it could be improved in the future and what worked well.							
			ASSESSMENT Regular low stakes knowledge recall quizzes, Do Now activities recapping previous knowledge, multiple choice quizzes at end of lessons. Consistent self and teacher assessment using the visualizer. Peer feedback to be used to check for errors Summative assessments in their PPE phase to check understanding Use of exam questions to help re-inforce knowledge and to ensure that the cohort are able to understand the language used in the assessment.							
ATTITUDE			This qualification allows students to explore issues in regards to being safe online as well as the different issues that can affect people from different communities such as the digital divide, cyberbullying, E-waste and the legal framework that is used to protect against threats. British values are promoted and explored in a variety of ways in lessons linking lesson content to explore and address topical issues and consider different social, political, religious and cultural attitudes and contexts.			RESILIENCE		Classroom practices in IT encourage students to take risks with their learning and modes of expressions. Mistakes are embraced as opportunities for growth and the skills of editing and improving help foster a resilience towards taking on more challenging tasks.		
Understanding others, behaviour and attitudes, SMSC, PHSE			Character, personal Development, wellbeing and CIAG							