

AAQ BTEC Level 3 Information Technology

YEAR 12

UNIT 6: Website Development												
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Introduction, outline and teaching. Principles of websites and design	Compare the principles of website design used in websites, including their suitability for the intended audience and intended purpose	Analyse how the principles of website design are used to produce creative, high performance websites which meet client requirements. Practical skills practice in Photoshop	Practical skills - Dreamweaver, HTML and W3schools (Tabs/Slideshows/Image rollover techniques)	Design Principles: Moodboards, Wireframes and detailed annotation needs and be fit for purpose". Part of D2 to be completed here too.	Sources tables and copyright. Further skills development in Photoshop and Dreamweaver	Skills development and catch up before assignment issued.	Assignment : 3 Tasks to complete under supervision, hand in before Christmas					CHRISTMAS

Information Technology Systems (Written Exam)																
Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29
Introduce Exam unit. Introduce K.I.A.N. Topics this week: Digital Devices, Use of digital devices and Input and Output	Topics: Storage Devices, Data Processing and Accessibility Devices	Topics: Types of operating systems, roles of operating systems, choice of user interfaces, and use of user interfaces	Topics: Operating system performance, Application file types, Emerging technologies, Factors affecting choice of system, Wired and Wireless networks	Topics: types of networks, factors affecting choice of network, data transmission protocols and security issues	Topics: Bandwidth, Latency and Compression, Using online systems, remote working, online communities	Topics: Threats, protecting data, protecting data tools, online services	Topics: Features of IT systems, Impact of systems, Data sources, Processing and Presenting data. Data collection	Topics: Moral and Ethical Factors, Data Protection, DPA Legislation and Accessibility Legislation. Application software, Image and video types	Mock exam and DIRT	Command Word understanding and exam strategy	Past Papers and Practice. Feedback to be provided to students					Probable Exam Week
HOMEWORK: We provide a subscription to the 'Know It All Ninja' platform. Students to read and watch content and pass the tests that track understanding																

Cultural Capital: Developing problem solving skills, considering the needs of others in the design and production of websites, predicting and discovering how to effectively promote a topic and convey information in a digital world.
Social, Moral, Spiritual and Cultural Development: Developing strategies for effective web content to engage an audience, using only copyright free and ethical assets that appeal to a wide demographic
Cultural Capital:
Fundamental British Values: Employment Law and Discrimination: Complying with copyright law, presenting web products in a way to aid usability and to consider disabled users and inclusion