

21/22: Year 7/8 Curriculum and Assessment Map

Year	7/8		Subject
Intent	<p>Information Communications Technology (ICT) at The Jubilee Academy balances knowledge and practical application in order to provide students with both specialised and transferable skills that are greatly valued in the marketplace. All students will experience physical computing to develop and hone their ability and skills through the completion of increasingly complex projects. The course is tailored to emphasise distinct strands within computing extracted from the KS3 National Curriculum: information technology (IT) and digital literacy (DL). Each component is essential in preparing our students to thrive in an increasingly digital world. The science of computer incorporates techniques and methods for solving problems and includes a distinct way of thinking and working that complements other disciplines.</p>		
D.	<p>September - December</p> <p>01/09/2021-6/9/21 ICT SYSTEMS A. ICT SYSTEM AND THEIR USAGE B. E-SAFETY C. EVALUATION OF SOFTWARE</p> <p>13/09/2021 HARDWARE A. INPUT, PROCESSING AND OUTPUT DEVICES B. DATA STORAGE</p> <p>20/09/2021 SOFTWARE A. OPERATING SYSTEMS, APPLICATION AND PROGRAMME LANGUAGES B. USER INTERFACES C. GRAPHICS SOFTWARE D. PRESENTATION SOFTWARE AND WEB DESIGN</p> <p>27/09/2021- 18/10/21 MODELLING AND SIMULATION MODELLING WITH SPREADSHEET/COMPUTER SIMULATION</p> <p>1/11/21-22/11/2021 DATA AND DATABASE A. DATA, INFORMATION AND KNOWLEDGE B. DATABASES AND DATA CAPTURE C. DATA VALIDATION AND VERIFICATION DATA TRANSFER AND SECURITY</p>	<p>January - March</p> <p>04/01/21-10/01/2022 Code Cracking DECIPHER OTHER CODES AND CREATING CODES</p> <p>17/01/2022 USING SCRATCH TO CREATE DESIGNS AND GAMES Explore the techniques learnt in Scratch using other</p> <p>24/01/2022 LEGAL FRAMEWORK DATA PROTECTION, COMPUTER MISUSE AND ICT ACTS</p> <p>31/01/2022 RISKS AND IMPLICATIONS OF ICT a. HOW ICT HAS LED TO CHANGING WORK PATTERNS/ HEALTH AND SECURITY WHEN WORKING WITH COMPUTER</p>	<p>April-July</p> <p>18/4/22-2/5/2022 Effective Digital Working Practices a. Communication Technologies b. How is cloud storage used/How does it benefit businesses</p> <p>9/5/22- 23/5/2022 GIMP/photoshop TO CREATE DESIGNS a. Introduction to GIMP and its usage b. USE PHOTOSHOP to create designs c. use GIMP to create designs</p> <p>6/6/22-27/6/2022 Business Document to create a. Mail merge b. Posters/ newsletter/advertisement</p>

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	<p>29/11/2021 Binary/Denary Conversion BINARY/DENARY NUMBERS CONVERSION</p> <p>6/12/2021-13/12/21 CODE CRACKING</p> <p>A. What are codes and why do we use them? B. UNDERSTANDING AND WORKING WITH CAESAR CIPHERS.</p>	<p>07/02/2022 NETWORKS AND COMMUNICATIONS A. THE INTERNET B. EMAIL features/etiquette</p> <p>21/2/22-28/3/2022 Digital Graphics</p> <p>a. Use/ property/purpose of Digital Graphics b. Types of Digital Graphics/mood board, visualization</p>	<p>Websites</p> <p>4/7/22-18/7/2022 USING 3D PAINT SOFTWARE</p> <p>Create 3D Animations</p>
Impact	<p>AP1</p> <p><i>End Aut 2 Diagnostic Assessment</i></p>	<p>AP2</p> <p><i>End Spring 1 Diagnostic Assessment</i></p>	