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|  | **Half term 1**  **Learning Overview** | | | | | | | | | | | | | **Half term 2**  **Learning Overview** | | | | | | | | | **Half term 3**  **Learning Overview** | | | | | | | | | **Half term 4**  **Learning Overview** | | | | | | | **Half term 5**  **Learning Overview** | | | | | | | | | **Half term 6**  **Learning Overview** | | | | | | | | | | | | |
| **Week number** | 1 | 2 | | | 3 | 4 | 5 | | | 6 | | 7 | | 8 | 9 | 10 | 11 | | 12 | | 13 | 14 | 15 | 16 | 17 | | | 18 | 19 | | 20 | 21 | 22 | 23 | | 24 | 25 | 26 | 27 | 28 | | 29 | | 30 | | 31 | 32 | 33 | 34 | | 35 | | 36 | | 37 | | 38 | | | 39 |
| **Year 7** | **Digital Literacy & E-Safety** | | | | | | | | | | | | | **Algorithmic Thinking & Encryption** | | | | | | | | | **Understanding Computers** | | | | | | | | | **Data Representation** | | | | | | | **Programming** | | | | | | | | | **Creative Project (Using Media)** | | | | | | | | | | | | |
| Computer Induction (2) | | Digital Literacy Basics (2) | | | | | E-Safety Basics (3) | | | | | | Bebra Challenge Preperation (3) | | Bebra Challenge Participation (1) | | | | Algorithms (3) | | | Input, Output, Hardware, Software (2) | | Networks (3) | | | | | | Inside a Computer (1) | Binary (2) | | | | Images, Sound and Storage (4) | | | Scratch vs Python (1) | | CodeCombat (5) | | | | | | | Designing a project (2) | | Building a project (3) | | | | | | Presenting a project (1) | | | | |
| **Year 8** | **Digital Literacy & E-Safety** | | | | | | | | | | | | | **Algorithmic Thinking & Encryption** | | | | | | | | | **Data and Computers** | | | | | | | | | **Physical Computing** | | | | | | | **Programming** | | | | | | | | | **Mobile App Project** | | | | | | | | | | | | |
| Computer Induction (1) | | | E-Safety including social media (4) | | | | | Cybersecurity basics (2) | | | | Bebra Challenge Prep (3) | | | Bebra Challenge Participation (1) | | Encryption and Code Breaking (3) | | | | | How computers store data (2) | | | | Binary addition and subtraction (2) | | | | Different types of computers (2) | What makes a Computer (2) | | | | Using Physical Computers (4) | | | CodeCombat Reminder (1) | | Psuedocode (2) | | | | Python Programming (4) | | | Designing the App (1) | | Getting used to the Software (1) | | | | Build the App (3) | | | | | Present the App (1) | |
| **Year 9** | **Digital Literacy & E-Safety** | | | | | | | | | | | | | **Binary, Hex and Logic** | | | | | | | | | **Inside a Computer** | | | | | | | | | **Internet, Websites & Security** | | | | | | | **Programming** | | | | | | | | | **Programming Project** | | | | | | | | | | | | |
| Computer induction (1) | | | E-Safety including online dating (4) | | | | | | | Advanced Cybersecurity (2) | | | Number Systems (3) | | Bebra Challenge Prep and Participation (2) | | | | Logic Gates (2) | | | Hardware of a Computer (2) | | | Suitable Software Solutions (2) | | | | Storage (2) | | Networking (2) | | | Website Coding (2) | | Dangers of the Internet (2) | | Python and pseudocode Reminder (1) | | | | Programming in the Real World (2) | | Python Practice (3) | | | Design the solution (1) | | | | Create the solution (3) | | Present the Solution (1) | | | | Evaluate Solutions (1) | | |

Computing GCSE

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|  | **Half term 1**  **Learning Overview** | | | | **Half term 2**  **Learning Overview** | | | | **Half term 3**  **Learning Overview** | | | **Half term 4**  **Learning Overview** | | | **Half term 5**  **Learning Overview** | **Half term 6**  **Learning Overview** | | |
| **Year 10** |  | | | |  | | | |  | | |  | | |  |  | | |
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| **Year 11** |  | | | |  | | | |  | | |  | | |  |  | | |
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ICT KS4 Qualification

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|  | **Half term 1**  **Learning Overview** | | | | **Half term 2**  **Learning Overview** | | | | **Half term 3**  **Learning Overview** | | | **Half term 4**  **Learning Overview** | | | **Half term 5**  **Learning Overview** | **Half term 6**  **Learning Overview** | | |
| **Year 10** |  | | | |  | | | |  | | |  | | |  |  | | |
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| **Year 11** |  | | | |  | | | |  | | |  | | |  |  | | |
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