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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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| **Year 10** |  |  |  |  |  |  |
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| **Year 11** |  |  |  |  |  |  |
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ICT KS4 Qualification

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| **Year 10** |  |  |  |  |  |  |
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| **Year 11** |  |  |  |  |  |  |
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