Long Term Plan Subject: Computer Science Y11 Year: 16-17

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| **Term** | **Topic (s)** | **Assessed Work** | **Additional details** |
| Term 1 a  (\_weeks) | Controlled Assessment 2 preparation- Python Activities  Controlled Assessment 2 – Design of Solution write-up  Controlled Assessment 2 – Solution Development (In Python, Practical element) | Design of Solution = 9 Marks  Monitor progress of solution development using spreadsheet in staff central resources. | All resources available online via Fronter.  Students will be given controlled assessment brief to keep at school.  Students will use Python skills learnt at start of half term to start building the required solution listed in the exam board’s controlled assessment brief. |
| Term 1 b  (\_weeks) | Controlled Assessment 2 – Solution Development Write-up  Controlled Assessment 2 – Programming Techniques Write-up | Solution Development = 9 Marks  Programming Techniques = 36 Marks | All resources available online via Fronter.  All resources available online via Fronter. |
| Term 2 a  (\_weeks) | Controlled Assessment 2- Testing and Evaluation  Exam preparation – Computer Structures A  Computer Structures B | Testing and Evaluation = 9 Marks  Zig Zag End of topic test- Computer Structures A and B | All lesson resources available on Fronter- Original tests available to photocopy  All lesson resources available on Fronter- Original tests available to photocopy |
| Term 2 b  (\_weeks) | Exam preparation –  Data Representation A  Data Representation B  Software Development Life Cycle  Application Testing | Zig Zag End of topic test- Data Representation A and B  Zig Zag End of topic test- Software development cycle  Zig Zag End of topic test- Application Testing | All lesson resources available on Fronter- Original tests available to photocopy |
| Term 3 a  (\_weeks) | Exam Preparation-  Networking and Web Applications  External Code Sources  Databases concepts  Computer Technology in Society | Zig Zag End of topic test- Networking and Web Applications  Zig Zag End of topic test- External Code Sources  Zig Zag End of topic test- Databases concepts  Zig Zag End of topic test-  Computer Technology in Society | All lesson resources available on Fronter- Original tests available to photocopy |
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