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 ActivitiesControlled Assessment 2 – Design of Solution write-upControlled 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-upControlled Assessment 2 – Programming Techniques Write-up | Solution Development = 9 MarksProgramming 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 AComputer Structures B | Testing and Evaluation = 9 MarksZig Zag End of topic test- Computer Structures A and B | All lesson resources available on Fronter- Original tests available to photocopyAll lesson resources available on Fronter- Original tests available to photocopy |
| Term 2 b(\_weeks) | Exam preparation –Data Representation AData Representation BSoftware Development Life CycleApplication Testing | Zig Zag End of topic test- Data Representation A and BZig Zag End of topic test- Software development cycleZig 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 ApplicationsExternal Code SourcesDatabases conceptsComputer Technology in Society | Zig Zag End of topic test- Networking and Web ApplicationsZig Zag End of topic test- External Code SourcesZig Zag End of topic test- Databases conceptsZig Zag End of topic test- Computer Technology in Society | All lesson resources available on Fronter- Original tests available to photocopy |
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