**Key Stage 4 Curriculum Map 2019 - 2020**

**Term 1**

| Subject: Computer Science | Year Group: 11 |
|---|---|
| **Week/Date** | **Focus/Topic** |
| 1<br>Sept 2nd-5th | • Baseline, feedback and improvements |
| 2<br>Sept 8th-12th | • Secondary storage<br>• Cloud storage |
| 3<br>Sept 15th-19th | • Arrays and lists<br>• Two Dimensional arrays |
| 4<br>Sept 22nd -26th | • Handling external data and mini programming assessment |
| 5<br>Sept 29th-Oct 3rd | • Flowcharts<br>• Pseudocode |
| 6<br>Oct 6th-10th | • Functions and Procedures |
| 7<br>Oct 13th-17th | • Type of errors |
| 8<br>Oct 20th -24th | Mid Term Break |
| 9<br>Oct 27th-Oct 31st | • Abstraction<br>• Trace tables |
| 10<br>Nov 3rd -7th | • Searches (Theory)<br>    ○ Linear<br>    ○ Binary<br>• Sorting (Theory) |

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| | | o Bubble<br>o Merge |
| 11<br>Nov 10th-14th | | • Structured programming |
| 12<br>Nov 17th-21st | | • Robust and Secure Programming |
| 13<br>Nov 24th-28th | | • Classification of Programming Languages |
| 14<br>Dec 1st -5th | | **Assessment Weeks** |
| 15<br>Dec 8th-12th | | |
| Winter Break: December 13th – January 2nd | | |