

# Year 9, Computer Science & IT, 2022/23



| Half Term 1: 5 <sup>th</sup> September – 21 <sup>st</sup> October (7 weeks) |  |  |                             |   |                             |   | Holiday                                      | Half Term 2  |  |
|---|--|--|-----------------------------|---|-----------------------------|---|--|--|--|
| Week 1  | Week 2                                       | Week 3   | Week 4                      | Week 5  | Week 6                      | Week 7  |  | Week 8   | Week 9                                       |
| Web Design – Cyber Security   |  | Web Design – Cyber Security  |                             | Web Design – Cyber Security   |                             | Web Design – Cyber Security   | Holiday                                      | Web Design – Cyber Security  | Web Design – Cyber Security                  |
| Half Term 2: 31 <sup>st</sup> October – 16 <sup>th</sup> December (7 weeks) |  |  |                             |   | Holiday                     | Holiday   |  | Half Term 3: 3 <sup>rd</sup> January - 10 <sup>th</sup> February (6 weeks) |  |
| Week 10   | Week 11                                      | Week 12  | Week 13                     | Week 14   |                             |   | Week 15                                      | Week 16  | Week 17                                      |
| Web Design – Cyber Security   | Web Design – Cyber Security                  |  | Hour of Code                |   | Holiday                     | Holiday   | Computer Networks and Representation of Data |  | Computer Networks and Representation of Data |
| Half Term 3: 3 <sup>rd</sup> January - 10 <sup>th</sup> February (6 weeks)  |  |  | Holiday                     | Half Term 4: 20 <sup>th</sup> February – 31 <sup>st</sup> March (6 weeks) |                             |   |  |  |  |
| Week 18   | Week 19                                      | Week 20  |                             | Week 21   | Week 22                     | Week 23   | Week 24                                      | Week 25  | Week 26                                      |
| Computer Networks and Representation of Data                                | Computer Networks and Representation of Data |  | Holiday                     | Computer Networks and Representation of Data                              |                             | Computer Networks and Representation of Data  |  | Computer Networks and Representation of Data                               |  |
| Holiday   | Holiday                                      | Half Term 5: 17 <sup>th</sup> April – 26 <sup>th</sup> May (6 weeks) |                             |   |                             |   |  | Holiday  | Half Term 6                                  |
|   |  | Week 27  | Week 28                     | Week 29   | Week 30                     | Week 31   | Week 32                                      |  | Week 33                                      |
|   |  | Advanced Python Programming  |                             | Advanced Python Programming   |                             | Advanced Python Programming   |  |  | Advanced Python Programming                  |
| Spreadsheet Modelling   |  | Spreadsheet Modelling  |                             | Spreadsheet Modelling   |                             | Spreadsheet Modelling   |  | Spreadsheet Modelling  |  |
| Half Term 6: 5 <sup>th</sup> June – 21 <sup>st</sup> July (7 weeks)         |  |  |                             |   |                             | Curriculum Intent:  |  |  |  |
| Week 34   | Week 35                                      | Week 36  | Week 37                     | Week 38   | Week 39                     | <ul style="list-style-type: none"> <li>✓ To build upon prior e-safety knowledge and safeguard all students against online threats.</li> <li>✓ To facilitate computational thinking</li> <li>✓ To build an awareness of cyber security and emerging technological advancements</li> <li>✓ To contextualise learning across all learning episodes</li> <li>✓ To develop transferable skills through digital literacy</li> </ul> |  |  |  |
| Advanced Python Programming   | Advanced Python Programming                  |  | Advanced Python Programming |   | Advanced Python Programming |   |  |  |  |
| Spreadsheet Modelling   | Spreadsheet Modelling                        |  | Spreadsheet Modelling       |   | Spreadsheet Modelling       |   |  |  |  |