|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 | Week 15 |
| Cycle 1 | **W/C 29/08** | **W/C 5/09** | **W/C 12/09**  | **W/C 19/09**  | **W/C 26/09**  | **W/C 3/10**  | **W/C 10/10**  | **W/C 17/10**  | **W/C 31/10**  | **W/C 7/100** | **W/C 14/11** | **W/C 21/11**  | **W/C 28/11** | **W/C 5/12** | **W/C 12/12** |
| **Term 1** **Training days 1 &2/09** |  |  |  |  |  |  |  | **Term 2** |  |  | *Data/Planning Day 17 &18th* |  |  | *School Closes 16th* |
|  | **Introduction to Computing – Unit 1** Logging in and Folders | Office 365EmailsTeams | Word processing Touch type Keyboard shortcuts | Word processing Formatting Saving  | Word processing Header footer Images Tools  | E-safetyStaying safe online Cyberbullying  | Keeping your data safe Personal data  | **Python Next steps** Python programming using flowcharts  | User Interface  | **Selection**  - game  | Writing own programs using selection- game  | Debugging  | Consolidation of knowledge  | Consolidation of knowledge and review  |
| **W/C 2/01** | **W/C 9/01** | **W/C16/01** | **W/C 23/01** | **W/C 30/01** | **W/C 6/02** | **W/C 12/02** | **W/C 27/02** | **W/C 06/03** | **W/C 13/03** | **W/C 20/03** | **W/C 27/03** |  |  |  |
| Cycle 2 | **Term 3****School closed 2/1**  |  |  |  |  |  |  | **Term 4** | *Data/Planning Day 9th & 10th* |  |  | *School Closes 31st* |  |  |  |
| **Data Representation** Binary to denary 8 bit  | Denary to Binary 8 bit   | Hexadecimal  | Binary addition 8 bit and overflow  | Image  | Sound  | Consolidation of knowledge and review  | **User Interface Design** User Interfaces  | Factors and influences  | Audience needs | Design principles  | Design Psychology |  |  |  |
| **W/C 17/04** | **W/C 24/04** | **W/C 1/5**  | **W/C 8/05** | **W/C 15/05**  | **W/C 22/05**  | **W/C 5/6** | **W/C 12/6** | **W/C 19/6** | **W/C 26/6** | **W/C 3/7** | **W/C 10/7** | **W/C 17/7** |  |  |
|  | **Term 5** |  | *School closed 1/05* |  |  |  | **Term 6** |  |  |  |  |  | *Data/Planning Day 19 &20th* | *School closed* |  |
| Cycle 3 | **Networks** Topologies  | Hardware of a network  | Network threats  | Cloud networking  | File types  | Consolidation of knowledge  | **Project Planning** Project planning techniques  | Creating a project plan  | Initial design  | Developing a user interface  | Refining and reviewing a user interface  | Consolidation of knowledge  |  |  |  |

Year 9 Computing

Long Term Plan 2022/2023