Swanwick Hall School Long Term Planning

Year 7 Subject: Computing

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| Learning cycle | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| 105/09/22 to 21/10/22 | **Digital Literacy***Logging in to the school system & emails..* | **Digital Literacy***Office applications and what they are for.* | **Digital Literacy**Using PowerPoint to present information. | **Digital Literacy**Adding GOOD QUALITY images, animations and transitions. | **Digital Literacy**Completing the PPt. inc. hyperlinks, GIF’s and sounds. | **checkpoint week** | **gap week** |  |
| 231/10/22- 22/12/22 | **What is Computing?***History of computing* | **What is Computing?***Input, Process, Output.* | **What is Computing?***Peripherals (Input and Output devices)* | **What is Computing?***CPU – Fetch/ Execute cycle* | **What is Computing?***Impact of ICT on society (SMLC)* | **What is Computing?** | **checkpoint week** | **gap week** |
| 39/1/23 – 3/3/23 | **Spreadsheet Modelling***Getting to know a spreadsheet* | **Spreadsheet Modelling***Quick Calculations* | **Spreadsheet Modelling***Collecting data* | **Spreadsheet Modelling***Become a datamaster* | **Spreadsheet Modelling***Level up your data skills!* | **checkpoint week**KS3 CUMULATIVE ASSESSMENTS | **gap week** |  |
| 46/3/23 – 12/5/23 | **Introduction to binary***What and why is binary?* | **Introduction to binary***Converting binary into denary* | **Introduction to binary***Bigger numbers – K,M,G,T,P* | **Introduction to Scratch***Accessing Scratch online and creating sprites.* | **Introduction to Scratch***Making your first shooting game.* | **Introduction to Scratch***Completing the shooter* | **checkpoint week***Peer evaluation* | **gap week** |
| 515/5/23 – 3/7/23 | **Scratch – PacMan***Drawing the maze background* | **Scratch – PacMan***Creating and animating your sprite* | **Scratch – PacMan***Movement controls and collectables* | **Scratch – PacMan***Using variables to record score and “power-ups”* | **Scratch - PacMan***Completing your game – adding jeopardy!* | **checkpoint week**KS3 CUMULATIVE ASSESSMENTS | **gap week** |  |
| mini unit10/7/23 – 21/7/23 | **Turtle coding** | **Turtle – nested iterations!** |  |  |  |  |  |  |