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 |
| 1  05/09/22  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** |  |
| 2  31/10/22- 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** |
| 3  9/1/23 – 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** |  |
| 4  6/3/23 – 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** |
| 5  15/5/23 – 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 unit  10/7/23 – 21/7/23 | **Turtle coding** | **Turtle – nested iterations!** |  |  |  |  |  |  |