Swanwick Hall School Long Term Planning

Year 8 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 | **E-Safety**  *Your digital footprint* | **E-Safety**  *Sexting* | **E-Safety**  *Oversharing* | **E-Safety**  *Cyber security – (Script Kiddies?)* | **E-Safety**  *There’s no place like 127.0.0.1* | **checkpoint week**  *E-Safety booklet* | **gap week** |  |
| 2  31/10/22- 22/12/22 | **Under the hood**  *Internal components refresher* | **Under the hood**  *Storage types; Magnetic, Optical, Solid State.* | **Under the hood**  *Memory, RAM, ROM, Cache.* | **Under the hood**  *CPU and heatsink. What are registers?* | **Under the hood**  *Look inside. Find and identify components.* | **Under the hood**  *Shopping challenge, (spreadsheet callback)* | **checkpoint week** | **gap week** |
| 3  9/1/23 – 3/3/23 | **Representation of Data**  *Binary mosaic* | **Representation of Data**  *A splash of colour* | **Representation of Data**  *Collage* | **Representation of Data** *Good vibrations* | **Representation of Data**  *Sonic playground* | **checkpoint week**  KS3 CUMULATIVE ASSESSMENTS | **gap week** |  |
| 4  6/3/23 – 12/5/23 | **Image manipulation**  *Fake or real?* | **Image manipulation**  *Retouching images* | **Image manipulation**  *Re-colouring images* | **Image manipulation**  *Compositing, combining parts.* | **Image manipulation**  *Compositing, fine detail.* | **Image manipulation**  *Assessment (2 weeks)* | **checkpoint week** | **gap week** |
| 5  15/5/23 – 3/7/23 | **Developing for the web**  *Website building blocks* | **Developing for the web**  *Words are not enough* | **Developing for the web**  *Taking Shortcuts, CSS* | **Developing for the web**  *Navigating the web linking pages* | **Developing for the web**  *Navigating the web (Assessed)* | **checkpoint week**  KS3 CUMULATIVE ASSESSMENTS | **gap week** |  |
| mini unit  10/7/23 – 21/7/23 | **Learning Objec**tive | **Learning Objective** |  |  |  |  |  |  |