Pewsey Vale School

ICT & Computing Department

Long Term Plan

Academic Year: 21/22

Computing is taught as part of the KS3 Design and Technology Carousel. Students have 9-10 weeks of double lessons that are split into three curriculum strands, Computer Science, Digital Skills (ICT) and E-Safety.

	Year 7	Year 8	Year 9
Computer Science	**Unit 7.1. System Architecture – 2 Weeks** **Unit 7.2. Introduction to Programming – 3 Weeks**	**Unit 8.1. Binary Bits and Bobs – 2 Weeks** **Unit 8.2. Programming (Microbit Madness / Introduction to Python) – 3 Weeks**	**Unit 9.1. Back to the Future – 3 Weeks** **Unit 9.2. Programming Project (Robotics) – 3 Weeks**
Digital Skills (ICT)	**Unit 7.3 Web Design in HTML – 3 Weeks**	**Unit 8.3. My Digital World – 3 Weeks**	**Unit 9.3. Music Database – 2 Weeks**
E-Safety	**Unit 7.4. Year 7 E-Safety – 2 Weeks** • Perfect Passwords – Security and Encryption • Plagiarism – Legal • Gone too far - Cyberbullying	**Unit 8.4. Year 8 E-Safety – 2 Weeks** • Talking Heads – Self Esteem • Back Me Up – Peer Pressure • Safer Social Networking	**Unit 9.4. Year 9 E-Safety – 2 Weeks** • Digital Citizenship • Let's Fight it together – Cyberbullying • Just Send it – Sexting