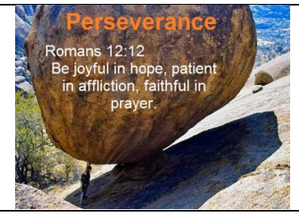
Abbas & Templecombe Church School

KS1 Computing
Concept and Curriculum Map



Programming	Multimedia	Technology	Data Handling	Online Safety
The process of writing computer programs which are a series of instructions given to a computer in order to carry out certain operations and help the computer to run smoothly.	Combination of technologies to create an instructional programme or experience.	Any invention, including tools, machines, materials, techniques, and sources of power that make work and lives easier for the people.	The process of gathering, recording and presenting information in a way that is helpful to others.	The safe and responsible use of technology.

Nightingale	**Bowie**
Curriculum Content: • understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions • create and debug simple programs • use logical reasoning to predict the behaviour of simple programs • use technology purposefully to create, organise, store, manipulate and retrieve digital content • recognise common uses of information technology beyond school • use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies. **PlanIT unit titles:** **Online safety –** 1 lesson per half term (Online Safety)	**Curriculum Content:** • understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions • create and debug simple programs • use logical reasoning to predict the behaviour of simple programs • use technology purposefully to create, organise, store, manipulate and retrieve digital content • recognise common uses of information technology beyond school • use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies. **PlanIT Unit Titles:** **Online Safety –** 1 lesson per half term (Online Safety) **Programming with Scratch Jr.** **Word Processing** **Programming Toys** **Digital Painting** **Using and Applying**

Unit Plans and E-safety Plans: Twinkl PlanIt - Award Winning Lesson Plans for Primary Schools