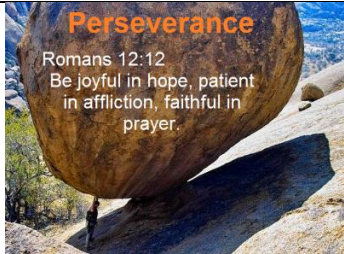
 <b>Abbas &amp; Templecombe Church School</b>		<b>KS2 Computing Concept and Curriculum Map</b>		
<b>Programming</b>	<b>Multimedia</b>	<b>Technology</b>	<b>Data Handling</b>	<b>Online Safety</b>
The process of writing computer programs which are a series of instructions given to a computer in order to 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.
<b>Anning Class</b>		<b>Zephaniah Class</b>		
<b>Curriculum Content:</b> <ul style="list-style-type: none"> <li>design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</li> <li>use sequence, selection, and repetition in programs; work with variables and various forms of input and output</li> <li>use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</li> <li>understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration</li> <li>use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</li> <li>select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</li> <li>use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</li> </ul> <b>PlanIT unit titles:</b> <ul style="list-style-type: none"> <li>Online Searches and Surfers</li> <li>Coding with Scratch: Learning Loops</li> <li>Branching Databases</li> <li>Drawing and Desktop Publishing</li> <li>Presentation Skills</li> <li>Word Processing</li> </ul> <b>Online safety</b> – 1 lesson per half term (Online Safety)		<b>Curriculum Content:</b> <ul style="list-style-type: none"> <li>design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</li> <li>use sequence, selection, and repetition in programs; work with variables and various forms of input and output</li> <li>use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</li> <li>understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration</li> <li>use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content</li> <li>select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information</li> <li>use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</li> </ul> <b>PlanIt unit titles:</b> <b>Online safety</b> – 1 lesson per half term (Online Safety) <b>Spreadsheets (Data handling)</b> <b>Coding with Scratch (Programming)</b> <b>Radio Station (Multimedia)</b>  <b>Additional Units:</b> <b>Microbit unit (BBC) (Technology/Programming)</b>		

Unit Plans and E-safety Plans: [Twinkl PlanIt - Award Winning Lesson Plans for Primary Schools](#)