



ST MARY'S RC PRIMARY SCHOOL LONG TERM OVERVIEW



Computing

Information Technology

Digital Literacy

Computer Science – Programming

Computer Science – Theory

	Autumn	Spring	Summer
Year 1			<p>E-safety: media players</p> <p>Typing skills</p> <p>Basic word processing</p> <p>Components of a computer</p> <p>Creating a multimedia e-book</p> <p>Programming sequences of commands to animate pictures</p>
Year 2		<p>E-safety: basic rules</p> <p>Technology uses beyond school</p> <p>Creating a multimedia e-book</p> <p>Internet searching skills</p> <p>Basic photo editing skills</p> <p>Technology uses beyond school</p> <p>Programming sequences of commands to animate pictures</p> <p>Use Seesaw</p>	
Year 3	<p>Word processor text formatting tools</p> <p>Photo collages</p> <p>Creating posters using text boxes</p> <p>Programming commands to run at different times</p>	<p>Algorithms</p> <p>Using conditional events in programs</p> <p>Digital communication methods</p> <p>E-safety: passwords</p>	<p>Exploring digital maps</p> <p>Uses of technology and their impact</p> <p>Digital painting</p> <p>Creating an e-book</p> <p>E-safety: gaming safely</p>
Year 4	<p>URLS and the topology of the Internet</p> <p>E-safety: child-friendly websites</p> <p>Internet searching skills</p> <p>Photo editing</p> <p>Movie making</p> <p>Online quiz making</p>	<p>LOGO-type programming</p> <p>Using a variable in a program</p> <p>Using repeat events in a program</p> <p>Debugging</p>	<p>Tri-fold leaflet design</p> <p>Board game design</p> <p>Internet terminology</p> <p>E-safety: Message sharing consequences</p>
Year 5	<p>Poster design</p> <p>Spreadsheets</p> <p>Internet searching skills</p> <p>Drawing tools – shape pictures</p>	<p>E-safety: Zip it Block it Flag it</p> <p>History of technology</p> <p>Linear on-screen presentation</p> <p>Using numbers in a program</p>	<p>E-safety: messaging safely, sharing safely and vlogging rules</p> <p>Photo editing</p> <p>Impact of technology on society</p>
Year 6	<p>Internet searching skills</p> <p>App design</p> <p>Photo editing</p> <p>Animation presentation</p> <p>E-safety: sharing photos safely</p>	<p>Algorithms and flowcharts</p> <p>Programming complex games</p> <p>Digital maps – route finding</p> <p>E-safety: Digital footprints</p> <p>Spreadsheet maths programs</p> <p>E-safety: digital citizen behaviours</p>	<p>E-safety: concept cartoons</p> <p>Stop motion animations</p> <p>Binary numbers</p>