



ST MARY'S C.E. PRIMARY & NURSERY SCHOOL

Whole School Computing Curriculum Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Early Years	Area: Communication & Language Focus on:	Area: Expressive Arts Focus on:	Area: Literacy Focus on:	Area: Mathematics Focus on:	Area: Physical Development & PSED Focus on:	Area: Understanding the World Focus on:
Year 1	Area: Online safety and exploring Purple Mash Focus on: logging on, searching & saving on Purple Mash	Area: Grouping and sorting Focus on: logging on, searching & saving on Purple Mash	Area: Coding Focus on: Introduction to coding	Area: Coding Focus on: Introduction to coding	Area: Maze Explorers Focus on: Algorithms	Area: Animated Story Books Focus on: Creating a story
Year 2	Area: Online Safety Focus on: Safe searches & email	Area: Spreadsheets Focus on: Copying, pasting & creating tables & graphs	Area: Effective searching Focus on: Using terminology	Area: Presenting Ideas Focus on: To create & present information	Area: Coding Focus on: Algorithms, objects, repeat command & debugging	Area: Coding Focus on: Algorithms, objects, repeat command & debugging
Year 3	Area: Online Safety Focus on: passwords, reliable websites & age restrictions	Area: Coding Focus on: Creating an algorithm that stimulates a physical system.	Area: Coding Focus on: Creating an algorithm that stimulates a physical system.	Area: Touch Typing Focus on: Terminology, left & right-hand typing.	Area: Presenting Ideas Focus on: To create & present information (PowerPoint)	Area: Email Focus on: attachments, opening & writing emails
Year 4	Area: Online Safety Focus on: identity theft, digital footprint, plagiarism & screen time balance	Area: Coding Focus on: Using variables, if/else commands, timers & counting machines	Area: Logo Focus on: Vocabulary & creation	Area: Making Music Focus on: Vocabulary & creation	Area: Animation Focus on: Stop motion & onion skinning	Area: Effective Search Focus on: Locating & assessing information
Year 5	Area: Online Safety Focus on: Online behaviour, permissions & impact	Area: Coding Focus on: launch commands, repeats, if/else statements & creating playable, competitive games	Area: Game Creator Focus on: create, share & evaluate their & peers' game	Area: Presenting Information Focus on: Word Processing & the functions	Area: 3D modelling Focus on: Using 2Design, printing & making	Area: Coding Focus on: launch commands, repeats, if/else statements & creating playable, competitive games
Year 6	Area: Online Safety Focus on: benefits & risks of devices Area: Coding Focus on: Debugging, flowcharts & organising code	Area: Blogging Focus on: Introductions to blogging	Area: Networks Focus on: LAN/WAN & accessing internet in school	Area: Text Adventures Focus on: map-based & story-based adventures	Area: Quizzing Focus on: Creating picture quizzes, grammar quizzes & using 2Quiz	Area: Spreadsheets Focus on: Probability & planning