COMPUTING LTP

	Computing Systems and Networks	Programming	Skills Showcase	Creating Media	Data Handling

YEAR GROUP	AUTUMN		SPRING		SUMMER	
EYFS	Computing is woven throughout the Early Years curriculum at St Paul's, exploring technology around us, including: telephones, iPads, cameras, computers, as well as a range of age-appropriate education software/games.					
YEAR 1	**Computing Systems and Networks** *Improving Mouse Skills*	**Programming** *Algorithms Unplugged*	**Skills Showcase** *Rocket to the Moon*	**Programming** *Bee-Bots*	**Creating Media** *Digital Imagery*	**Data Handling** *Introduction to Data*
YEAR 2	**Computing Systems and Networks** *What is a Computer?*	**Programming** *Algorithms and Debugging*	**Computing Systems and Networks** *Word Processing*	**Programming** *Introduction to Block Coding (Microsoft MakeCode)*	**Creating Media** *Stop Motion (Using Tablets)*	**Data Handling** *International Space Station*
YEAR 3	**Computing Systems and Networks** *Networks*	**Programming** *Scratch*	**Computing Systems and Networks** *Emailing (Google)*	**Computing Systems and Networks** *Journey Inside a Computer*	**Creating Media** *Video Trailers*	**Data Handling** *Comparison Cards Databases*
YEAR 4	**Computing Systems and Networks** *Collaborative Learning (Google)*	**Programming** *Further Coding with Scratch*	**Creating Media** *Website Design (Google)*	**Skills Showcase** *HTML*	**Programming** *Computational Thinking*	**Data Handling** *Investigating Weather*
YEAR 5	**Computing Systems and Networks** *Search Engines*	**Programming** *Programming Music*	**Data Handling** *Mars Rover 1*	**Programming** *Micro:bit*	**Creating Media** *Stop Motion Animation (Stop Motion Studio)*	**Skills Showcase** *Mars Rover 2*
YEAR 6	**Computing Systems and Networks** *Bletchley Park and the History of Computers*	**Computing Systems and Networks** *Exploring AI*	**Data Handling** *Big Data 1*	**Programming** *Intro to Python*	**Data Handling** *Big Data 2*	**Skills Showcase** *Inventing a Product*