

SMC Computing LTP

<u>Early Years</u>	Phones, remotes, microwaves etc in environment. iPads to take pictures of work. IWB/Screen for show and tell. Smartie the Penguin for online safety.					
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1 Computing	Online safety Exploring Purple Mash	Grouping/ sorting and Pictograms	Online safety Lego Builders and Maze Explorers	Animated Story Books	Online safety Coding	Spread sheets Technology outside school
Year 2 Computing	Online safety: Ten:Ten Session 1: Real life online. Session 2: Rules to help us. (Computing through PSHE) Making music Effective searching	Online safety: Project Evolve Self-image and identity. Lesson 1 and 2. Spreadsheets	Online safety: Project Evolve Online Bullying Lesson 1 and 3 Questioning	Online safety: Project Evolve Online relationships Lesson 2 and 4 Coding	Online safety: Purple Mash Digital footprints. Creating pictures Include e-book	Online safety: Project Evolve Privacy and security Lesson 1 Presenting ideas Physical Computing: BeeBot/Robomice
Year 3 Computing	Online Safety: Safety in Numbers Update passwords, keep safe and edit Avatar	Emailing Online Safety in PSHE	Online Safety: Fact or Fiction – Spotting Spoofs, Finding Fakes Coding using 2Code	Branching Databases using 2Question Graphing using 2Graph	Online Safety: Appropriate Content and Ratings Programming Microbits:	Presenting using Display Boards/2Blog /slide show. Online Safety Story in PSHE

	Route Planners			Online Safety in PSHE	Name tag Dice Sound monitor Rock, Paper, Scissors Pet hamster	
Year 4 Computing	Online Safety: Effective Searching Animation (2Animate)	Online Safety in PSHE	Online Safety: Spreadsheets Coding (2Code)	Online Safety in PSHE Making Music with technology in Music lessons.	Online Safety: Logo - Programming shapes Introduction to AI	Online Safety in PSHE Programme Microbits
Year 5 Computing	Online safety Spreadsheets Databases		Online safety Coding Game creator		Online safety Microbits Event 3D modelling Concept maps	
Year 6 Computing	Online safety Coding Word processing (Office 365)		Online safety Blogging Text Adventures		Online safety Programme Microbit Binary	