

Sir Alexander Fleming Primary School - Computing Long Term Overview - 2023-2024

	Autumn		Spring		Summer	
Events	National coding week 13 th - 17 th Sept Anti-bullying week 15 th - 19 th Nov		Safer Internet Day - 7 th February		Lego League Y2-5	
Term	1	2	1	2	1	2
EYFS	Computational Thinking (Barefoot) Technology in the environment Technology in the homes iPads (distorting images) E-Safety: Project Evolve		Programming (Cubetto / algorithms) E-Safety: Project Evolve		Computational Thinking (Barefoot) E-Safety: Project Evolve	
Year 1	Computing systems and networks Technology around us	Creating Media Digital painting	Programming Moving a Robot (Cubetto)	Data and information Grouping Data (maths link)	Programming Programming animations	Creating Media Digital writing
Year 2	Computing systems and networks IT around us	Programming Robot Algorithms	Programming Programming quizzes	Creating Media Digital photography	Data and information Pictograms (maths link)	Creating Media Digital music (music link)
Year 3	Computing systems and networks Connecting computers	Programming Sequencing sounds (music link)	Creating Media Stop-frame animation	Programming Events and actions in programs (Scratch - supplemented with Rodocodo)	Data and information Branching Databases (science link)	Creating Media Desktop Publishing (Writing link)
Year 4	Computing systems and networks The internet	Creating Media Audio production (English link - podcast)	Data and information Data logging (Science link)	Programming Repetition in shapes - (FMS Logo - Maths link)	Creating Media Photo editing	Programming Repetition in games (Scratch - supplemented with Rodocodo)
Year 5	Computing systems and networks Systems and searching	Creating Media Video production	Programming Selection in quizzes (Scratch - supplemented with Rodocodo)	Data and information Flat-file databases	Creating Media Introduction to vector graphics (Maths / ART Link)	Programming Selection in physical computing (Crumble Kits- Science/DT link)
Year 6	Computing systems and networks Communication and collaboration	Creating Media Webpage creation	Programming Sensing Movement (Microbits - DT link)	Programming Variables in games (Scratch - supplemented with Rodocodo)	Creating Media 3 D Modelling (DT/Maths link)	Data and information Introduction to Spreadsheets (Maths link)

Units to work with Amazing ICT