Computing Long Term Plan (from 2023-24)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year R						**Creating Media & Effective use of tools** Digital painting
Year 1	**Computing Systems, Safety and Security & Impact of Technology** Technology around us	**Creating Media, Design and development & Effective use of tools** Digital Painting		**Algorithms and Programming** Moving a Robot	**Algorithms and Programming** Programming animations	**Creating Media & Effective use of tools**
Year 2		**Algorithms & Programming** Robot Algorithms		**Creating Media, Design and Development & Effective use of Tools** Digital Photography		**Data and Information** Pictograms (taught in maths) **Algorithms & Programming** Programming Quizzes
Year 3	**Computing Systems, Networks & Impact of Technology** Connecting computers		**Creating Media, Design and development & Effective use of tools** Desktop Publishing (taught as part of English unit)	**Algorithms & Programming** Sequencing Sounds.	**Programming & Design & development** Events and Actions	
Year 4		**Networks & Safety & Security** The Internet		**Algorithms & Programming** **Repetition in shapes**	**Design & Development, Programming & Algorithms** Repetition in games	**Computing Systems, Data & information & Effective use of Tools** Data Logging
Year 5	**Networks , Computer Systems & Impact of Technology** Sharing Information			**Creating Media & Effective use of Tools** Vector drawing		**Computing Systems & Programming** Selection in Physical Computing Crumbles (programming A) **Computing Systems & Programming** Selection in quizzes (programming B)
Year 6		**Programming, Algorithms & Design & Development** STEM project	**Creating Media, Design & Development, & Safety & Security & Effective use of Tools** Web page Creation		**Data & information & Effective use of Tools** Introduction to Spreadsheets	

Computing Long Term Plan (from 2024-25)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year R						**Creating Media & Effective use of tools** Digital painting
Year 1	**Computing Systems, Safety and Security & Impact of Technology** Technology around us	**Creating Media, Design and development & Effective use of tools** Digital printing		**Algorithms and Programming** Moving a Robot	**Algorithms and Programming** Programming animations	**Creating Media & Effective use of tools** Digital Writing
Year 2		**Algorithms & Programming** Robot Algorithms		**Creating Media, Design and Development & Effective use of Tools** Digital Photography		**Computing Systems, Data & information & Effective use of Tools** Pictograms (taught in maths) **Algorithms & Programming** Programming Quizzes
Year 3	**Computing Systems, Networks & Impact of Technology** Connecting computers (could reduce)		**Creating Media, Design and development & Effective use of tools** Desktop Publishing (taught as part of publishing in DT).	**Algorithms & Programming A** Sequencing Sounds	**Programming & Design & development** Events and Actions	
Year 4	**Networks & safety & security** The Internet (reduce to a couple of lessons) **Algorithms and Programming** Repetition in shapes			**Design & Development, Programming & Algorithms** Repetition in games		**Computing Systems, Data & information & Effective use of Tools** Data Logging
Year 5	**Networks , Computer Systems & Impact of Technology** Sharing Information (reduce) **Computing Systems & Programming** Selection in Physical Computing Crumbles DT project			**Creating Media & Effective use of Tools** Vector drawing -		**Computing Systems & Programming** Selection in quizzes (programming B)
Year 6		**Programming, Algorithms & Design & Development** STEM project	**Creating Media, Design & Development, & Safety & Security & Effective use of Tools** Web page Creation		**Data & information & Effective use of Tools** Introduction to Spreadsheets	