

Computing Long Term Plan

Together we love, learn and flourish

'Let all you do be done with love' 1 Corinthians 16:14

LONG TERM PLAN

Year groups	Cycle	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	A/B	Programmable toys, Keeping safe, Technology in the home, screen time/green time, use of technology within the home, taking photographs, interactive technology, introduction to computers and digital awareness.					
Year 1&2	A	1.1 Computer systems and networks: Technology around us	1.5 Creating Media: Digital writing	1.3 Programming A: Moving Robots	2.2 Creating Media: Digital Photography	2.1 Computer systems and networks: Information technology around us	2.3 Programming A: Robot Algorithms
	B	1.4 Data & Information: Grouping Data	1.2 Creating media: Digital Painting	1.6 Programming B: Programming Animations	2.4 Data & Information: Pictograms	2.5 Creating Media: Making Music	2.6 Programming B: Introduction to quizzes.
Online Safety		Focus: Privacy and Security	Focus: Online Relationships and Reputation	Focus: Online Bullying, self-image and identify	Focus: Health, wellbeing and lifestyle	Focus: Managing online information	Focus: Copyright & ownership

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Year groups	Cycle	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3&4	A	3.1 Computer systems and networks: Connecting Computers	3.2 Creating Media: Stop frame animation	3.3 Programming A: Sequencing Sounds	4.1 Computer systems and networks: The Internet	4.2 Creating Media: Audio Production	4.3 Programming A: Repetition in shapes
	B	3.4 Data & Information: Branching Databases	3.5 Creating Media: Desktop publishing	3.6 Programming B: Events and actions in programs	4.4 Data & Information: Data Logging	4.5 Creating Media: Photo editing	4.6 Programming B: Repetition in games
Online Safety		Focus: Privacy and Security	Focus: Online Relationships and Reputation	Focus: Online Bullying, self-image and identify	Focus: Health, wellbeing and lifestyle	Focus: Managing online information	Focus: Copyright & ownership
Year 5&6	A	5.1 Computer systems and networks: Systems and searching	5.2 Creating Media: Video Production	5.3 Programming A: Selection in physical computing	6.1 Computer systems and networks: Communication and collaboration	6.2 Creating Media: Webpage Creation	6.3 Programming A: Variables in games
	B	5.4 Data & Information: Flat-file databases	5.5 Creating Media: Vector drawing	5.6 Programming B: Selection in quizzes	6.4 Data & Information: Spreadsheets	6.5 Creating Media: 3D Modelling	6.6 Programming B: Sensing movement
Online Safety		Focus: Privacy and Security	Focus: Online Relationships and Reputation	Focus: Online Bullying, self-image and identify	Focus: Health, wellbeing and lifestyle	Focus: Managing online information	Focus: Copyright & ownership