

Computing Units

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Early Years EN Barefoot Computing					
EYFS	Awesome Autumn	Winter Warmers	Busy Bodies	Springtime	Summer Fun	Boats Ahoy
	Creating, Pattern, Logic, Algorithms, Decomposition and Collaborating	Algorithms, Creating, Collaboration, Decomposition, Tinkering, Persevering	Algorithms, Decomposition, Debugging, Logic, Patterns, Abstraction	Abstraction, Tinkering, Creating, Collaborating, Algorithms, Persevering, Decomposition	Tinkering, Persevering, Debugging, Collaborating, Algorithms	Algorithms, Decompositions, Creating, Tinkering, Logic, Patterns, Abstraction, Collaborating
Year 1	Computing systems and networks – Technology around us (teachcomputing.org)	Creating media – Digital painting (teachcomputing.org)	Programming A – Moving a robot (teachcomputing.org)	Data and information – Grouping data (teachcomputing.org)	Creating media – Digital writing (teachcomputing.org)	Programming B - Programming animations (teachcomputing.org)
Year 2	Computing systems and networks – IT around us (teachcomputing.org)	Creating media – Digital photography (teachcomputing.org)	Programming A – Robot algorithms (teachcomputing.org)	<u>Data and information –</u> <u>Pictograms</u> (teachcomputing.org)	Creating media - Digital music (teachcomputing.org)	Programming B - Programming quizzes (teachcomputing.org)
Year 3	Computing systems and networks – Connecting computers (teachcomputing.org)	Creating media - Stop- frame animation (teachcomputing.org)	Programming A - Sequencing sounds (teachcomputing.org)	Data and information – Branching databases (teachcomputing.org)	Creating media – Desktop publishing (teachcomputing.org)	Programming B - Events and actions in programs (teachcomputing.org)
Year 4	Computing systems and networks – The Internet (teachcomputing.org)	Creating media - Audio production (teachcomputing.org)	Programming A – Repetition in shapes (teachcomputing.org)	Data and information – Data logging (teachcomputing.org)	Creating media – Photo editing (teachcomputing.org)	Programming B – Repetition in games (teachcomputing.org)
Year 5	Computing systems and networks - Systems and searching (teachcomputing.org)	Creating media - Video production (teachcomputing.org)	Programming A – Selection in physical computing (teachcomputing.org)	<u>Data and information –</u> <u>Flat-file databases</u> <u>(teachcomputing.org)</u>	Creating media – Introduction to vector graphics (teachcomputing.org)	Programming B – Selection in quizzes (teachcomputing.org)
Year 6	Computing systems and networks - Communication and collaboration (teachcomputing.org)	Creating media – Web page creation (teachcomputing.org)	Programming A – Variables in games (teachcomputing.org)	Data and information - Introduction to Spreadsheets (teachcomputing.org)	Creating media – 3D Modelling (teachcomputing.org)	Programming B - Sensing movement (teachcomputing.org)