

Subject Overview: Computing

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Daycare	Understanding cause and effect	Exploring everyday technology	Exploring Sound and Light	Developing Fine Motor Skills	Exploring simple sequences	Engaging in interactive play
Nursery	Understanding more complex cause and effect	Exploring everyday technology in detail	Exploring patterns and sequences	Developing problem-solving skills with mechanical toys	Using technology in Role Play and pretend scenarios	Exploring simple physical computing concepts
Reception	Staying safe online	Exploring everyday technology and tools	Programming and sequences with physical objects	Problem-Solving with construction and mechanical Toys	Technology in Imaginative Role Play	Exploring Physical computing concepts
Year 1	Introduction to Purple Mash Creative Computing	Data Explorers	Creating & Following Instructions	Animated Stories	Coding	Technology Around Us Making Beats

2BeSafe – Online Safety	Self-Image and Identity	Online Relationships	Online Bullying	Health, Well- being and Lifestyle	Privacy and Security	Copyright and Ownership	
Year 2	Creating Pictures Making Music	Spreadsheets	Route Explorers	Questioning	Coding	Presenting Ideas The Internet	
2BeSafe – Online Safety	Self-Image and Identity	Online Relationships	Online Bullying	Health, Well- being and Lifestyle	Privacy and Security	Copyright and Ownership	
Year 3	Touch Typing	Email	Route Planners	Spreadsheets	Coding	Presentations Branching Databases	
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Year 4	Animation	Unpacking Hardware & Software Sound Stories	Logo	Effective Searching	Coding	Composing Beats Introduction to AI	
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Year 5	Quizzing Databases	Game Creator	Spreadsheets	Coding	Word Processing	Concept Maps	

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Year 6	Blogging Networks	Graphing Data Detectives	Coding	3D Modelling	Spreadsheets	Introduction to Python	
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