Long Term Planning - Computing						
	Autumn 1 Autumn 2		Spring 1	Spring 2	Summer 1	Summer 2
Nursery			Picture of Me	Plant Picture	Simple City	2Go
Skill			Creating Pictures	Creating Pictures	Instructions	Instructions
Reception	<mark>Label Body</mark>	Diwali Pictures	Police ID Write Name	Moving Bear	<mark>2Go</mark>	Using Beebots
Skill	Mouse Control	Creating Pictures	Entering Texts	Animations	Instructions	Instructions
	Unit 1.7 - Coding	Fundamental	Toys Mind Map	Food Story	Zoo Map	<u>Technology</u>
Year 1	Purple Mash	Programmes				Around Us
	Digital	Basic Digital Skills	Digital	Digital Publisher	Digital Designer	Teach Computing Computer
Skill	Programmer	Busic Bigital skills	Researcher/	Digital Fabilities	Digital Designer	Systems and
	-		Presenter			Networks
Curriculum Link	Computer Science	Literacy / Maths	Literacy / History	Literacy / Science	Science / Geography	Information technology
Digital	Online		Managing info	Privacy and	Copyright &	technology
Safeguarding	<u>Reputation</u>		<u>online</u>	Security	<u>Ownership</u>	
Year 2	Unit 2.1 - Coding	Fundamental	<u>Pictograms</u>	Nursery Rhyme	Explorers	IT Around Us
rear 2	Purple Mash	Programmes	Teach Computing	Digital Animator	Digital Musician	Teach Computing
Skill	Digital Programmer	Basic Digital Skills	Digital Data Handler	Digital Animator	Digital Musician	Computer Systems and
5						Networks
Curriculum	Computer	Literacy / Maths	Maths	Literacy / Science	History / Music	Information
Link Digital	Science Copyright &	Online	Privacy & Security	Profiles &	Managing info	technology Managing info
Safeguarding	Ownership	Reputation	invacy & security	Security	online	online
	Sequencing	Fundamental	Romans	Turn a Story into	Puppet Theatre	Connecting
Year 3	<u>Sounds</u>	Programmes	Presentation	a Comic	Broadcast	<u>Computers</u>
	Teach Computing	Basis Bistal Cities	District	District Destrict on	D:-:+-1	Teach Computing
Skill	Digital Programmer	Basic Digital Skills	Digital Researcher/	Digital Publisher	Digital Broadcaster	Computer Systems and
S	Scratch/ Lego		Presenter		2.0440456	Networks
Curriculum	Computer	Literacy / Maths	Literacy / History	Literacy	D&T / Literacy	Information
Link Digital	Science Self-Image and	Online	Managing info		Online	technology Copyright &
Safeguarding	Identity	Reputation	online		Reputation	Ownership
g g	Repetition in	Fundamental	Data Logging	Scene from an	Water Cycle Film	The Internet
Year 4	Games	Programmes	Teach Computing	Animal Story		Teach Computing
	Teach Computing					
Skill	Digital	Pacie Digital Skille	Digital Data	(Rousseau)	Digital Film	Computer
	Digital Programmer	Basic Digital Skills	Digital Data Handler	(Rousseau) Digital Animator	Digital Film Maker	Computer Systems and
	Digital Programmer Scratch/ Lego	Basic Digital Skills	Digital Data Handler	•	Digital Film Maker	Computer Systems and Networks
Curriculum	Programmer Scratch/ Lego Computer	Basic Digital Skills Literacy / Maths	U	•	_	Systems and Networks Information
Curriculum Link	Programmer Scratch/ Lego	Literacy / Maths	Handler Maths	Digital Animator Art / Literacy	Maker Geography	Systems and Networks Information technology
Curriculum	Programmer Scratch/ Lego Computer		Handler	Digital Animator	Maker	Systems and Networks Information
Curriculum Link Digital Safeguarding	Programmer Scratch/ Lego Computer	Literacy / Maths Online	Handler Maths	Digital Animator Art / Literacy Copyright &	Maker Geography Managing info	Systems and Networks Information technology Managing info online Sharing
Curriculum Link Digital	Programmer Scratch/ Lego Computer Science Selection in Quizzes	Literacy / Maths Online Reputation	Maths Privacy & Security	Digital Animator Art / Literacy Copyright & Ownership	Maker Geography Managing info online	Systems and Networks Information technology Managing info online Sharing Information
Curriculum Link Digital Safeguarding	Programmer Scratch/ Lego Computer Science Selection in Quizzes Teach Computing	Conline Reputation Fundamental Programmes	Maths Privacy & Security Chocolate Presentation	Digital Animator Art / Literacy Copyright & Ownership Blog	Maker Geography Managing info online Motion Art	Systems and Networks Information technology Managing info online Sharing Information Teach Computing
Curriculum Link Digital Safeguarding	Programmer Scratch/ Lego Computer Science Selection in Quizzes	Literacy / Maths Online Reputation Fundamental	Maths Privacy & Security Chocolate	Digital Animator Art / Literacy Copyright & Ownership	Maker Geography Managing info online	Systems and Networks Information technology Managing info online Sharing Information
Curriculum Link Digital Safeguarding Year 5	Programmer Scratch/ Lego Computer Science Selection in Quizzes Teach Computing Digital Programmer Scratch/ Microbit	Conline Reputation Fundamental Programmes Basic Digital Skills	Handler Maths Privacy & Security Chocolate Presentation Digital Researcher/ Presenter	Digital Animator Art / Literacy Copyright & Ownership Blog Digital Publisher	Maker Geography Managing info online Motion Art Digital Artist	Systems and Networks Information technology Managing info online Sharing Information Teach Computing Computer Systems and Networks
Curriculum Link Digital Safeguarding Year 5 Skill Curriculum	Programmer Scratch/ Lego Computer Science Selection in Quizzes Teach Computing Digital Programmer Scratch/ Microbit Computer	Conline Reputation Fundamental Programmes	Handler Maths Privacy & Security Chocolate Presentation Digital Researcher/	Digital Animator Art / Literacy Copyright & Ownership Blog Digital Publisher Geography	Maker Geography Managing info online Motion Art	Systems and Networks Information technology Managing info online Sharing Information Teach Computing Computer Systems and Networks Information
Curriculum Link Digital Safeguarding Year 5 Skill Curriculum Link	Programmer Scratch/ Lego Computer Science Selection in Quizzes Teach Computing Digital Programmer Scratch/ Microbit	Conline Reputation Fundamental Programmes Basic Digital Skills Literacy / Maths	Handler Maths Privacy & Security Chocolate Presentation Digital Researcher/ Presenter Literacy / History	Digital Animator Art / Literacy Copyright & Ownership Blog Digital Publisher Geography (Fairtrade)	Maker Geography Managing info online Motion Art Digital Artist Art	Systems and Networks Information technology Managing info online Sharing Information Teach Computing Computer Systems and Networks Information technology
Curriculum Link Digital Safeguarding Year 5 Skill Curriculum	Programmer Scratch/ Lego Computer Science Selection in Quizzes Teach Computing Digital Programmer Scratch/ Microbit Computer	Conline Reputation Fundamental Programmes Basic Digital Skills	Handler Maths Privacy & Security Chocolate Presentation Digital Researcher/ Presenter	Digital Animator Art / Literacy Copyright & Ownership Blog Digital Publisher Geography	Maker Geography Managing info online Motion Art Digital Artist	Systems and Networks Information technology Managing info online Sharing Information Teach Computing Computer Systems and Networks Information
Curriculum Link Digital Safeguarding Year 5 Skill Curriculum Link Digital Safeguarding	Programmer Scratch/ Lego Computer Science Selection in Quizzes Teach Computing Digital Programmer Scratch/ Microbit Computer	Conline Reputation Fundamental Programmes Basic Digital Skills Literacy / Maths Managing info	Handler Maths Privacy & Security Chocolate Presentation Digital Researcher/ Presenter Literacy / History Online	Digital Animator Art / Literacy Copyright & Ownership Blog Digital Publisher Geography (Fairtrade) Managing info online Volcano	Maker Geography Managing info online Motion Art Digital Artist Art Managing info	Systems and Networks Information technology Managing info online Sharing Information Teach Computing Computer Systems and Networks Information technology Managing info
Curriculum Link Digital Safeguarding Year 5 Skill Curriculum Link Digital	Programmer Scratch/ Lego Computer Science Selection in Quizzes Teach Computing Digital Programmer Scratch/ Microbit Computer Science Variables in Games	Literacy / Maths Online Reputation Fundamental Programmes Basic Digital Skills Literacy / Maths Managing info online	Maths Privacy & Security Chocolate Presentation Digital Researcher/ Presenter Literacy / History Online Reputation Introduction to Spreadsheets	Digital Animator Art / Literacy Copyright & Ownership Blog Digital Publisher Geography (Fairtrade) Managing info online Volcano Animations	Maker Geography Managing info online Motion Art Digital Artist Art Managing info online	Systems and Networks Information technology Managing info online Sharing Information Teach Computing Computer Systems and Networks Information technology Managing info online
Curriculum Link Digital Safeguarding Year 5 Skill Curriculum Link Digital Safeguarding	Programmer Scratch/ Lego Computer Science Selection in Quizzes Teach Computing Digital Programmer Scratch/ Microbit Computer Science Variables in Games Teach Computing	Literacy / Maths Online Reputation Fundamental Programmes Basic Digital Skills Literacy / Maths Managing info online Fundamental Programmes	Maths Privacy & Security Chocolate Presentation Digital Researcher/ Presenter Literacy / History Online Reputation Introduction to Spreadsheets Teach Computing	Digital Animator Art / Literacy Copyright & Ownership Blog Digital Publisher Geography (Fairtrade) Managing info online Volcano Animations MicroBit	Maker Geography Managing info online Motion Art Digital Artist Art Managing info online Communication Teach Computing	Systems and Networks Information technology Managing info online Sharing Information Teach Computing Computer Systems and Networks Information technology Managing info online School Website Project
Curriculum Link Digital Safeguarding Year 5 Skill Curriculum Link Digital Safeguarding	Programmer Scratch/ Lego Computer Science Selection in Quizzes Teach Computing Digital Programmer Scratch/ Microbit Computer Science Variables in Games	Literacy / Maths Online Reputation Fundamental Programmes Basic Digital Skills Literacy / Maths Managing info online Fundamental	Maths Privacy & Security Chocolate Presentation Digital Researcher/ Presenter Literacy / History Online Reputation Introduction to Spreadsheets	Digital Animator Art / Literacy Copyright & Ownership Blog Digital Publisher Geography (Fairtrade) Managing info online Volcano Animations	Maker Geography Managing info online Motion Art Digital Artist Art Managing info online Communication	Systems and Networks Information technology Managing info online Sharing Information Teach Computing Computer Systems and Networks Information technology Managing info online School Website
Curriculum Link Digital Safeguarding Year 5 Skill Curriculum Link Digital Safeguarding Year 6 Skill	Programmer Scratch/ Lego Computer Science Selection in Quizzes Teach Computing Digital Programmer Scratch/ Microbit Computer Science Variables in Games Teach Computing Digital	Conline Reputation Fundamental Programmes Basic Digital Skills Literacy / Maths Managing info online Fundamental Programmes Basic Digital Skills	Maths Privacy & Security Chocolate Presentation Digital Researcher/ Presenter Literacy / History Online Reputation Introduction to Spreadsheets Teach Computing Digital Data Handler	Digital Animator Art / Literacy Copyright & Ownership Blog Digital Publisher Geography (Fairtrade) Managing info online Volcano Animations MicroBit	Maker Geography Managing info online Motion Art Digital Artist Art Managing info online Communication Teach Computing Computer Systems and Networks	Systems and Networks Information technology Managing info online Sharing Information Teach Computing Computer Systems and Networks Information technology Managing info online School Website Project Digital Creator (21CLD)
Curriculum Link Digital Safeguarding Year 5 Skill Curriculum Link Digital Safeguarding Year 6 Skill Curriculum	Programmer Scratch/ Lego Computer Science Selection in Quizzes Teach Computing Digital Programmer Scratch/ Microbit Computer Science Variables in Games Teach Computing Digital Programmer Scratch/ Microbit Computer Computer Computer Computer Computer Computer Computer Computer	Literacy / Maths Online Reputation Fundamental Programmes Basic Digital Skills Literacy / Maths Managing info online Fundamental Programmes	Maths Privacy & Security Chocolate Presentation Digital Researcher/ Presenter Literacy / History Online Reputation Introduction to Spreadsheets Teach Computing Digital Data	Digital Animator Art / Literacy Copyright & Ownership Blog Digital Publisher Geography (Fairtrade) Managing info online Volcano Animations MicroBit	Maker Geography Managing info online Motion Art Digital Artist Art Managing info online Communication Teach Computing Computer Systems and Networks Information	Systems and Networks Information technology Managing info online Sharing Information Teach Computing Computer Systems and Networks Information technology Managing info online School Website Project Digital Creator (21CLD)
Curriculum Link Digital Safeguarding Year 5 Skill Curriculum Link Digital Safeguarding Year 6 Skill Curriculum Link	Programmer Scratch/ Lego Computer Science Selection in Quizzes Teach Computing Digital Programmer Scratch/ Microbit Computer Science Variables in Games Teach Computing Digital Programmer Scratch/ Microbit Computer Science	Conline Reputation Fundamental Programmes Basic Digital Skills Literacy / Maths Managing info online Fundamental Programmes Basic Digital Skills Literacy / Maths	Maths Privacy & Security Chocolate Presentation Digital Researcher/ Presenter Literacy / History Online Reputation Introduction to Spreadsheets Teach Computing Digital Data Handler Maths	Digital Animator Art / Literacy Copyright & Ownership Blog Digital Publisher Geography (Fairtrade) Managing info online Volcano Animations MicroBit Digital Animator	Maker Geography Managing info online Motion Art Digital Artist Art Managing info online Communication Teach Computing Computer Systems and Networks Information technology	Systems and Networks Information technology Managing info online Sharing Information Teach Computing Computer Systems and Networks Information technology Managing info online School Website Project Digital Creator (21CLD) Information technology
Curriculum Link Digital Safeguarding Year 5 Skill Curriculum Link Digital Safeguarding Year 6 Skill Curriculum	Programmer Scratch/ Lego Computer Science Selection in Quizzes Teach Computing Digital Programmer Scratch/ Microbit Computer Science Variables in Games Teach Computing Digital Programmer Scratch/ Microbit Computer Computer Computer Computer Computer Computer Computer Computer	Conline Reputation Fundamental Programmes Basic Digital Skills Literacy / Maths Managing info online Fundamental Programmes Basic Digital Skills	Maths Privacy & Security Chocolate Presentation Digital Researcher/ Presenter Literacy / History Online Reputation Introduction to Spreadsheets Teach Computing Digital Data Handler	Digital Animator Art / Literacy Copyright & Ownership Blog Digital Publisher Geography (Fairtrade) Managing info online Volcano Animations MicroBit Digital Animator	Maker Geography Managing info online Motion Art Digital Artist Art Managing info online Communication Teach Computing Computer Systems and Networks Information	Systems and Networks Information technology Managing info online Sharing Information Teach Computing Computer Systems and Networks Information technology Managing info online School Website Project Digital Creator (21CLD)

Basic Sills

National Curriculum link:

• Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Year 1:		Logging on	Heing fundamental programmes (Mand DewayDeint Free)
Year 2:	Keyboard efficiency		Using fundamental programmes (Word, PowerPoint, Excel, Teams)
	<u> </u>	Using a search engine	reams
Year 3:	How to save		Using fundamental programmes (Word, PowerPoint, Excel,
Year 4:	How to share	Computer short cuts	Teams, Sway, Forms)
Year 5:			Scenario based problems – Choose which programme would be
Year 6:			most effective (Word, PowerPoint, Excel, Teams, Sway, Forms)

Computer Science

National Curriculum links:

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.
- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

Year 1:	Purple Mash	Beebots	
Year 2:		beenots	
Year 3:		Lego	
Year 4:	Scratch		
Year 5:	Scratch	Microbits	
Year 6:		WICCODICS	

Digital Safeguarding (Project EVOLVE)

National Curriculum Link:

• Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

Year 1:	Online Safety topics MUST be taught through discreet Computing sessions every half term.				
Year 2:	 Using the Knowledge Maps on Project EVOLVE, create a baseline of pupils understanding. 				
Year 3:	Use the results of this to inform your focus for the half term.				
Year 4:	Refer to Digital Safeguarding focus throughout computing sessions to encourage discussions.				
Year 5:	Repeat the Knowledge Map to monitor pupil progress (assessment).				
Year 6:					

For further reference:

Core Planning > 2 Long Term Planning > Foundation Subjects > Current > **Digital Safeguarding Long Term Plan**

Computer Systems and Networks (Teach Computing)

National Curriculum link:

Understand computer networks including the internet; how they can provide multiple services, such as the world wide web.

Year 1: Technology Around Us

Year 2: IT Around Us

Year 3: Connecting Computers

Year 4: The Internet

Year 5: Sharing Information

Year 6: Communication