



Subject: Computing

Long Term Plan

	Autumn		Spring		Summer	
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<p>The New Early Years Framework contains no technology statements under the heading of 'Understanding the world' where they were previously. During EYFS (Nursery and Reception) there is an expectation to introduce children to technology in the form of interactive boards, smart notebook, interactive games and iPads to take photographs or record a video.</p> <p>Children should learn to identify technology in the classroom, turn it on, handle it with care and interact with it.</p>					
Reception						
Year 1	Online Safety	Using paint - Linked with ART progression objectives.	Computer Skills	Word processing	Programming Toys: Algorithms - Beebot.	Programming with Scratch JR
	Hardware - Laptops or iPads Software - Paint Application	Hardware - Laptops or iPads. Software - Paint Application	Hardware - Laptops or iPads Software - Word, PowerPoint	Hardware - Laptops Software - Word	Hardware - iPads, Bee-Bot or similar programmable toy. Software - Bee-Bot Application	Hardware - Ipads Software - ScratchJr App
Year 2	Online Safety	Computer Art	Using the Internet	Presentation Skills	Preparing for Turtle Logo	Programming Turtle Logo and Scratch
	Hardware - Laptops or iPads	Hardware - Laptops or iPads Software - Paint application.	Hardware - Laptops or iPads Software - A suitable blogging platform.	Hardware - Laptops Software - PowerPoint.	-	Hardware - Laptops Software - Turtle Logo and Scratch
Year 3	Online Safety	Drawing and Desktop Publishing - To include Digital Art for Christmas Cards	Word Processing	Internet Research and Communication	Presentation Skills	Programming turtle Logo and Scratch
	Hardware - Laptops or iPads Software - School email account (optional)	Hardware - Laptops, visualiser or webcam Software - Drawing Application, publishing software	Hardware - Laptops, visualiser or webcam Software - Word	Hardware - Laptops or iPads Software - Optional Graphing Software (such as a spreadsheet)	Hardware - Laptops, microphones Software - PowerPoint	Hardware - Laptops Software - Turtle Logo application, Scratch

Year 4	Online Safety	Digital Art for Christmas Cards	Word Processing	Scratch: Questions and Quizzes	Programming Turtle Logo	Animation
	Hardware - Laptops or iPads.	Hardware - Laptops or iPads	Hardware - Laptops Software - Word	Hardware - Laptops Software - Scratch	Hardware - Laptops Software - Turtle Logo Application	Hardware - Laptops Software - Pivot Animation, Moviesoup
Year 5	Online Safety	Digital Art for Christmas Cards	Flowol	Radio Station	3D modelling: SketchUp	Scratch 3.0 Developing Games
	Hardware - Laptops or iPads Software - Photo editing software, comic strip software (optional)	Hardware - Laptops or iPads	Hardware - Laptops Software - Flowol Application	Hardware - Laptops, microphones, speakers or headphones Software - Audacity	Hardware - Laptops Software - SketchUp (Free version for Microsoft Education Account)	Hardware - Laptops or iPads Software - Scratch 3
Year 6	Online Safety	Digital Art for Christmas Cards	Film-Making	Spreadsheets	Kodu Programming	Scratch: Animated Stories
	Hardware - Laptops or iPads	Hardware - Laptops or iPads	Hardware - Laptops, digital video cameras or iPads, microphones if requires, large screen or whiteboard. Software - Word, Video editing software.	Hardware - Laptops or iPads Software - Microsoft Excel	Hardware - Laptops Software - Kodu Game Lab (free to download)	Hardware - Laptops or iPads, microphones if needed Software - Scratch