Knowle CE Primary Academy
Progression in Skills: COMPUTING

Credibility							
Skills Progression ↓	**Computing Skills 1:1**	**Word Processing 1:2**	**Online Safety 2:1**	**Computer Art**	**Programming 2:2**	**Programming with Logo/ Scratch 3:1**	**Using and Applying 3:2**
Year 1	Switch on, opening/ saving files and applications	Typing, editing, undo/ redo and formatting	Dangers online	N/A	Programmable Toys	Create basic algorithms and simple debugging	During the Using and Applying unit, children are given an opportunity to complete a task that requires them to use all the skills taught throughout that particular year group.
Year 2	Using the Internet and search engines	Introduction to PowerPoint and presentations.	Digital footprint and cyberbullying	N/A	Preparing for Turtle Logo	Using basic commands in Turtle Logo. Create algorithms in Scratch	
Year 3	Formatting text	Branching stories in PowerPoint	Unit 1 - Online communication/advertisement and sharing information. Unit 2 – Internet Research and communication.	3:1 Drawing/ Desktop Publishing	N/A	Turtle Logo and Scratch Developing algorithms and debug.	
Year 4	Animation	Formatting images and organising content into an effective layout.	Cyberbullying, using search engines, plagiarism. Being a good digital citizen.	N/A	Scratch Questions and Quizzes.	Programming a procedure in Turtle Logo	
Year 5	Radio Station ~ Audacity	Internet Research and Webpage design.	Spam, passwords, citations and photography	2:2 3D Models~ Sketch Up	Controlling Devices ~ Flowol	Scratch ~ Developing Games	
Year 6	Film Making	Spreadsheets	Dealing with online content.	N/A	Kudo Programming	Scratch ~ Animated Stories	

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We follow a problem-solving approach to Computing. We focus on how we often use technology to solve problems and how sometimes, technology creates problems, which in turn, need solving! Themes and topics often start with a scenario or a question and whenever possible this is made 'real' for our pupils to motivate them and to give purpose to their learning.