



# Dovedale Primary School Subject Overview

## Computing



Y G	Autumn			Spring			Summer		
R	Computer Science BeeBots			Digital Literacy Photography	Information Technology Technology Hunt		Computer Science BeeBot Emulator		
	Experimenting with programming BeeBots			Taking photographs using the camera feature on an iPad and use PicCollage app	Selecting and use technology for particular purposes		Completing a simple program on a computer. Learning that an algorithm is a set of instructions to carry out a task, in a specific order		
	Information Technology			Computer Science			Information Technology / Computer Science		
1	Unit 1 Online Safety & iPad Basics	Unit 2 IT Basics	Unit 3 Internet Skills	Unit 1 Coding	Unit 2 Algorithms		Unit 1 Digital Art	Unit 2 Presentations	Unit 3 iPad Cameras
	*Introduction to the SMART principles and basic iPad handling	Handling a keyboard and word processing basics	*Search engines and search techniques	Coding basics in Daisy the Dino and Tynker Jr.	Creating simple algorithms in Scratch Jr and Hour of Code.		Formatting shapes/images and digital art in Doodle Buddy	Introduction to Keynote	iPad photography basics
2	Unit 1 IT Skills in Seesaw	Unit 2 Online Safety	Unit 3 Word Processing	Unit 1 Coding	Unit 2 Further Coding		Unit 1 Book Creator		Unit 2 Coding
	Using Draw and Notes in Seesaw	*Website reliability and online risks	Further word processing in Pages	Creating animations in Scratch Jr	Coding Safari and Keynote		Creating digital comic books		Further coding in Tynker Jr and Hour of Code.
3	Unit 1 Typing Skills (Bluetooth)	Unit 2 Seesaw	Unit 3 Presentations (& the Internet)	Unit 1 Coding in Tynker	Unit 2 Coding in LightBot	Unit 3 Coding in Scratch Jr	Unit 1 Digital Art		Unit 2 Photography using iPads
	Creating documents in Microsoft Word	Designing logos and typing stories	Developing presentation skills in Keynote	Introduction to Tynker (Space Cadets)	Programming in LightBot	Programming in Scratch Jr	Digital creativity		Creating digital collages
4	Unit 1 Typing Skills	Unit 2 Networks	Unit 3 Presentations and PC Basics	Unit 1 Coding (& Book Creator)		Unit 2 Scratch 3.0	Unit 1 Apple Pencil		Unit 2 Quizzes (in Scratch 3.0 & Kahoot!)
	Developing typing skills	Networks and the internet	Understanding computers	Advanced coding in Scratch Jr		Introduction to Scratch 3.0	Introduction to Apple Pencils and Apple Notes		Creating digital quizzes in Scratch 3.0



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5	<b>Unit 1 Typing Skills</b>	<b>Unit 2 Digital Wellbeing</b>	<b>Unit 3 Digital Quizzes</b>	<b>Unit 1 Coding In Tynker</b>	<b>Unit 2 Advanced Coding</b>	<b>Unit 1 Digital Art using Apple Pencils</b>		<b>Unit 2 Animation</b>
	Developing typing skills	*The positive and negative impact of technology	Creating quizzes in Kahoot!	Further coding in Tynker (Dragon Spells)	Game creation in Scratch 3.0	Introduction to Procreate		Creating animations in Stop Motion and Procreate
6	<b>Unit 1 Typing Skills</b>	<b>Unit 2 Presentations &amp; E-Safety</b>		<b>Unit 1 Coding in Swift</b>	<b>Unit 2 Coding in SpriteBox</b>	<b>Unit 1 Procreate (advanced)</b>	<b>Unit 2 Making iMovies</b>	<b>Unit 3 Programming Micro:Bits</b>
	Developing typing skills	*Digital footprints and social media risks		Programming in Apple Swift	Programming in SpriteBox	Further digital creativity in Procreate	Designing and creating movie trailers	Programming BBC Micro:Bits