Dovedale Primary School
Subject Overview

Computing

YR	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 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		
1	**Unit 1** **iPad Basics &** **Digital Art**	**Unit 2** **Keynote**	**Unit 3** **iPad Cameras**	**Unit 1** **Coding**	**Unit 2** **Algorithms**		**Unit 1** **Online Safety**	**Unit 2** **Word** **Processing**	**Unit 3** **Internet Skills**
	Doodle Buddy and basic iPad handling	Introduction to Keynote	iPad photography skills	Coding basics in Daisy the Dino and Tynker Jr.	Creating simple algorithms in Scratch Jr and Hour of Code.		Introduction to the SMART principles	Handling a keyboard and word processing	Search engines and search techniques
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	
5	**Unit 1** **Typing Skills**	**Unit 2** **Digital** **Wellbeing**	**Unit 3** **Digital Quizzes**	**Unit 1** **Coding In Tynker**	**Unit 2** **Advanced Coding**		**Unit 1** **Digital Art using Apple** **Pencils**	**Unit 2** **Animation**	

	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	**Unit 1** **Typing Skills**	**Unit 2** **Presentations & Online Safety**		**Unit 1** **Coding in Swift**	**Unit 2** **Coding in SpriteBox**	**Unit 1** **Procreate (advanced)**	**Unit 2** **Making iMovies**	**Unit 3** **Programming Micro:Bits**
	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