



# Unit Overview

Year	Unit Title	Unit Summary	National Curriculum Focus
1	iAlgorithm	 Unplugged activities to support understanding of algorithms	 
1	iProgram	Programming physical and virtual toys	 
1	iWrite	Creating, manipulating and storing digital text	 
1	iData	Introduction to data representation	 
1	iSafe (free)	Personal information and being safe online	 
1	iModel	Introduction to modelling	 
2	iProgram Unit 1	Creating simple animations	 
2	iPub	Creating interactive eBooks	 
2	iBlog	Writing and responding using Blogs	 
2	iSearch	Using the web to find things out	  
2	iAnimate	Introduction to animation	 
2	iDo Mail	Introduction to Email	 
2	iProgram Unit 2	Programming with ScratchJr	 
2	iSafe (free)	eSafety	 
3	iProgram Unit 1	Games and animation development	 
3	iProgram Unit 2	Robotics with LEGO™ WeDo (Optional)	 
3	iSimulate	Exploring computer simulations	 
3	iSafe (free)	Staying safe online	 
3	iData	Introducing databases	
3	iConnect	Internet & World Wide Web incl. Searching	  
3	iNetwork	Introducing Computer Networks	
3	iPodcast	Audio Editing with Podcasts	 
4	iProgram Unit 1	Making shapes and navigating mazes	 
4	iProgram Unit 2	Robotics with LEGO™ WeDo (Optional)	 
4	iProgram Unit 3	Programming puzzles with LightBot	
4	iMail	Communicating and collaborating via email	  
4	iSafe (free)	Being safe, responsible digital citizens	 
4	iData	Introduction to data representation	
4	iAnimate	Introduction to animation	 
4	iProgram Unit 4	Programming with Scratch	
4	iAlgorithm	 Unplugged activities developing computational thinking	
5	iProgram (Unit 1)	Designing and developing computer games	 
5	iDraw	Graphical Drawing	
5	iWeb	Remixing and creating web content using HTML	  
5	iProgram (Unit 2)	Designing and developing multi-level X-Box games	 
5	iCrypto	Data & Cryptography	 
5	iSafe	Becoming safe and responsible digital citizens	 
5	iModel	3D Graphical Modelling	
6	iProgram Unit 1	Designing and developing computer programs	 
6	iProgram Unit 2	Designing and developing 3D animations	 
6	iNetwork	Networks, data and creating web content	
6	iApp Unit 1	Designing and developing apps	  
6	iApp Unit 2	Designing and developing mobile apps	  
6	iSafe (free)	Staying safe in a digital world	 
6	iData	Introducing Spreadsheets	