Computing Strands

Year	Digital Literacy	Computer Science	Information Technology	eSafety
3	**Getting to know your devices** Learning about the devices used to deliver the computing curriculum **iConnect** Learning about the Internet and World Wide Web **iPodcast** Creating and editing audio podcasts	**iProgram** Developing computational thinking and programming animations with Scratch **iSimulate** Exploring computer simulations, investigating options and testing predictions **iNetwork** Exploring networks and learning how digital devices are connected together to form them	**Getting to know your devices** Learning about the devices used to deliver the computing curriculum **iSimulate** Exploring computer simulations, investigating options and testing predictions **iData** Exploring databases to find information out and add records. **iConnect** Learning about the Internet and World Wide Web	**iSafe** eSafety issues are embedded and flagged throughout our lessons and also cover a range of topics in focused lessons. **iConnect** Learning about the Internet and World Wide Web **iPodcast** Creating and editing audio podcasts
4	**iAnimate** Combining narrative and artwork to create computer animations	**iProgram 1** Developing computational thinking and creating programs with Scratch **iData** Exploring data representation with databases **iProgram 2** Developing computational thinking and programming skills to investigate angles and navigate mazes **iProgram 3** Solving puzzles with LightBot **iAlgorithm** Reinforcing the concept of algorithms being a set of instructions.	**iData** Exploring data representation with databases **iAnimate** Combining narrative and artwork to create computer animations **iMail** Sending and receiving email safely and responsibly	**iSafe** eSafety issues are embedded and flagged throughout our lessons and also cover a range of topics in focused lessons. **iMail** Sending and receiving email safely and responsibly
5	**iProgram 1** Developing computational thinking and programming animations with Scratch **iWeb** Exploring web design and construction **Program 2** Physical computing (BBC micro:bit)	**iProgram 1** Developing computational thinking and programming animations with Scratch **iWeb** Exploring web design and construction **iCrypto** Cryptography Exploring data encryption **Program 2** Physical computing (BBC micro:bit)	**iDraw** Vector drawing. Exploring how images are made from shapes and lines **iWeb** Exploring web design and construction **iModel** Exploring 3D digital modelling Designing and constructing 3D models **Program 2** Physical computing (BBC micro:bit)	**iSafe** eSafety issues are embedded and flagged throughout our lessons and also cover a range of topics in focused lessons.
6	**iProgram 1** Designing & developing programs **iNetwork** Networks, data representation, HTML/CSS **Program 2** Physical computing (BBC micro:bit)	**iProgram 1** Designing & developing programs **iNetwork** Networks, data representation, HTML/CSS **iApp** Designing and developing apps with Bitsbox **Program 2** Physical computing (BBC micro:bit) **iModel** Introducing 3D computer modelling	**iData** Introducing spreadsheets **iNetwork** Networks, data representation, HTML/CSS **Program 2** Physical computing (BBC micro:bit) **iModel** Introducing 3D computer modelling	**iSafe** eSafety issues are embedded and flagged throughout our lessons and also cover a range of topics in focused lessons.