COMPUTING - 2. Whole School Coverage

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	**Digital Literacy** Using technology to research topics (on-going each term). Technology in school and at home.	**Information Technology** Experiment with and use a simple paint program Take a digital photo Expressive Arts + Design	**Computer Science (Programming)** Experiment with and use simple floor robots (BeeBots) **Digital Literacy - E-Safety** Whole school focus. Ongoing / revisited in other terms.	**Information Technology** Data – simple pictograms / charts Maths	**Information Technology** Paint program – introduce wider range of tools / detail Use a keyboard to type their name Literacy	**Computer Science (Programming)** Programme a simple floor robot - Beebots
Year 1	**Digital Literacy** PM Unit 1.1: Online Safety and Exploring Purple Mash (4) **Information Technology** PM Unit 1.2: Grouping and Sorting (2) Maths	**Computer Science (Programming)** Revisit – Beebots (1) PM Unit 1.4: Lego Builders (3)	**Computer Science (Programming)** PM Unit 1.5: Maze explorers (4) **Digital Literacy - E-Safety** Whole school focus. Ongoing / revisited in other terms.	**Information Technology** PM Unit 1.6: Animated Story books (5) English / Arts	**Computer Science (Programming) /** **Information Technology** PM Unit 1.7 Coding (6)	**Digital Literacy** PM Unit 1.9: Technology Outside school (2)
Year 2	**Computer Science (Programming)** PM Year 2 Coding Units **Digital Literacy** Online Safety (taught through recap sessions on logging on etc and though coding topic).	**Information Technology** **Word Document –** Create a factsheet on Word (e.g. History – significant people). Skills focus: • log on, save and open documents on One Drive. • type (using space bar, shift key for caps letter, full stop). • use different tools in Word. • Insert images.	**Digital Literacy - E-Safety** Whole school focus. Ongoing / revisited in other terms.	**Information Technology** **PowerPoint –** Create a PowerPoint presentation (e.g. Science – habitats) Learn how to: • recap logging on, saving and opening documents on One Drive. • embed typing skills (introduce question mark, exclamation marks). • learn how to use different tools in PowerPoint. *Linked PM units (selected parts to support the above):* **Information Technology** / **Digital Literacy** PM Unit 2.5: Effective Searching **Information Technology** PM Unit 2.8: Presenting Ideas	**Information Technology** Paint Program – Treasure Island Art/Artists	**Computer Science (Programming)** PM Year 2 Coding Units, followed by… **If appropriate:** Begin to explore different stages and elements of 'Scratch'. (used at RMJ). *NB: To be planned in liaison with Year 3 teachers at RMJ, where possible, to support continuity and progression next year.*