



Skills & Processes

1	Computer science
2	Information technology
3	Digital literacy
4	E - safety

Skills & Processes involved - Indicate by term or C for continuous

Year	Term 1	Term 2	Term 3	1	2	3	4	
Nursery	Understand technology and its purpose/function – e.g. a cooker, TV, lamp, CD player	Use the IWB to create art and for mark making Following verbal instructions	Navigate a simple game with an end goal on the IWB Online safety	3	2	1,2		
Reception	Purple Mash activities planned into area provision. Navigate a programme on the computer Use the mouse with control	Purple Mash activities planned into area provision Login independently Understand how to use the keyboard to input	Purple Mash activities planned into area provision Use technology to document own work in area provision Online safety	1,2,3	1,2,3	1,2,3,	4	
Year 1	Online Safety (4 weeks) Grouping & Sorting (2 weeks) Pictograms (3 weeks) Lego Builders (3 weeks)	Bee-bots (3 weeks) Maze Explorers (3 weeks) Coding (6 weeks)	Spreadsheets (3 weeks) Technology outside school (2 weeks) Animated Story Books (5 weeks)	1, 2, 3	1,2, 3	1, 3	C	
Year 2	Online Safety (3 weeks) Spreadsheets (4 weeks) Coding (5 weeks)	Bee-bots (3 weeks) Questioning (5 weeks) Effective Searching (3 weeks)	Making Music (3 weeks) Creating Pictures (5 weeks) Presenting Ideas (4 weeks)	1, 2	1, 2, 3	1, 2	C	
Year 3	Online Safety (3 weeks) Spreadsheets (3 weeks) Coding (6 weeks)	Touch-Typing (4 weeks) Email (6 weeks)	Branching Databases (4 weeks) Simulations (3 weeks) Graphing (3 weeks) PowerPoint (6 weeks) optional	1, 2	1, 2, 3	1, 2	C	
Year 4	Online Safety (3 weeks) Spreadsheets (6 weeks) Coding (6 weeks)	Writing for Different Audiences (5 weeks) Logo (4 weeks)	Animation (3 weeks) Effective Searching (3 weeks) Hardware Investigators (2 weeks) Making Music (4 weeks) optional	1, 2, 3	1, 2, 3	1	C	
Year 5	Online Safety (3 weeks) Spreadsheets (6 weeks) Coding (6 weeks)	Databases (4 weeks) Game Creator (5 weeks)	3D Modelling (4 weeks) Concept Maps (4 weeks) Word Processing (8 weeks) optional	1, 2	1, 2, 3	1	C	
Year 6	Online Safety (2 weeks) Spreadsheets (5 weeks) Coding (6 weeks)	Blogging (5 weeks) Text Adventures (5 weeks)	Networks (3 weeks) Quizzing (6 weeks) Understanding Binary (4 weeks) optional Microsoft Excel (8 weeks) optional	1, 2, 3	1, 2, 3	1, 2	C	
Whole School								