Long Term Plan - Computing

For ICT we use a scheme called Purple Mash. Teachers have their own log on and cover all units across the year. The following document gives the unit titles but planning assessment tools are embedded in the Purple Mash Scheme of learning. Some terms may have less weeks than purple mash have planned for. Therefore, some lessons may take additional time and there will be an opportunity to have retrieval practice and revisit key areas within the topic.

Class	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Class 1	1.1 Online Safety and Exploring Purple Mash (Digital Literacy) 4 lessons – covering over 7 weeks	1.2 Grouping and Sorting (Computer Science) (2Weeks) 1.4 Pictograms (Information Technology) (3 week)	1.3 Lego Builders (Computer Science) (3 weeks) 1.5 Maze Explorers (Computer Science 3 weeks)	1.6 Animated Story (Information Technology) (5 weeks)	1.7 Coding (Computer Science) (6weeks)	1.8 Spreadsheets (Information Technology) (3 weeks) 1.9 Technology outside school (Digital Literacy) (2 weeks)
Class 2	2.2 Online Safety (Digital Literacy) (3 weeks) 2.3 Spreadsheets (Information Technology) (4weeks)	2.1 Coding (Computer Science) (6 week)	2.4 Questioning (Information Technology) (5 weeks)	2.5 Effective Searching (Digital Literacy) (3 weeks) 2.7 Making Music (Information Technology) (3 weeks)	2.6 Creating Pictures (Information Technology) (5 weeks)	2.8 Presenting Ideas (Information Technology) (4 weeks)
Class 3-4	3.2 Online Safety (Digital Literacy) (3 weeks) 3.6 Branching Databases (Information Technology) (4 weeks)	3.1 Coding (Computer Science) (6 weeks)	3.9 Presenting with Microsoft PowerPoint or Google Slides (Information Technology) (6 weeks)	3.5 Email (Digital Literacy) (6 weeks)	3.7 Simulations (Information Technology) (3 weeks) 3.8 Graphing (Information Technology) (3 weeks)	3.4 Touch Typing (Information Technology) (4 weeks) 3.3 Spreadsheets (Information Technology) (3 weeks)
Class 4-5	4.2 Online Safety (Digital Literacy) (4 weeks) 4.6 Animation (Information Technology) (3 weeks)	4.1 Coding (Computer Science) (6 weeks)	4.3 Spreadsheets (Information Technology) (6 weeks)	4.4 Writing for different audiences (Information Technology)	4.5 Logo (Computer Science) (4 weeks) 4.8 Hardware Investigators (Computer Science) (2 weeks)	4.7 Effective Search (Information Technology) (3 weeks) 4.9 Making Music (Information Technology) (4 weeks)
Class 5-6	5.2 Online Safety (Digital Literacy) – (3 weeks) 5.4 Databases (Information Technology) (4 weeks)	5.8 Word Processing (With Microsoft Word or Google Docs) (Information Technology) (7 weeks)	5.1 Coding (Computer Science) (6 weeks)	5.5 Game Creator (Computer Science) (5 weeks)	5.3 Spreadsheets (Information Technology) (6 weeks)	5.7 Concept Maps (Information Technology) (4 weeks) 5.6 3D Modelling (Information Technology) (4 weeks)