LSP Computing Long Term Plan

Computing LTP	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn	**Computing systems and networks** Technology around us (1.1)* **Creating media A** Digital painting (1.2)	**Computing systems and networks** Information technology around us (2.1)* **Creating media A** Digital photography (2.2)	**Computing systems and networks** Connecting computers (3.1) **Creating media A** Stop-frame animation (3.2)	**Computing systems and networks** The internet (4.1) **Creating media A** Audio editing (4.2)	**Computing systems and networks** Sharing information (5.1) **Creating media A** Video editing (5.2)	**Computing systems and networks** Internet communication (6.1) **Creating media A** Webpage creation (6.2)
Spring	**Programming A** Moving a robot (1.3) **Data and information** Grouping data (1.4)	**Programming A** Robot algorithms (2.3) **Data and information** Pictograms (2.4)	**Programming A** Sequencing sounds (3.3) **Data and information** Branching databases (3.4)	**Programming A** Repetition in shapes (4.3) **Data and information** Data logging (4.4)	**Programming A** Selection in physical computing (5.3) **Data and information** Flat-file databases (5.4)	**Programming A** Variables in games (6.3) **Data and information** Introduction to spreadsheets (6.4)
Summer	**Creating media B** Digital writing (1.5) **Programming B** Programming animations (1.6)	**Creating media B** Making music (2.5) **Programming B** Programming quizzes (2.6)	**Creating media B** Desktop publishing (3.5) **Programming B** Events and actions in programs (3.6)	**Creating media B** Photo editing (4.5) **Programming B** Repetition in games (4.6)	**Creating media B** Vector drawing (5.5) **Programming B** Selection in quizzes (5.6)	**Creating media B** 3D modelling (6.5) **Programming B** Sensing (6.6)
	*Networks are not part of the key stage 1 national curriculum for computing but the title is used as a strand across primary.				**Oak national academy have produced recorded lessons for the Y5 and Y6 units available here** https://classroom.thenational.academy/subjects-by-key-stage/key-stage-2/subjects/computing	