

Long Term Plan Computing
Resources available at Teachcomputing.org

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	A and B						
Y1/2	A	Technology around us Y1 (CS AL)	Information technology around us Y2 (NW CS)	Digital Painting Y1 (ET CM)	Digital photography Y2 (ET CM)	Moving a robot Y1 (AL PG)	Robot Algorithms Y2 (AL PG)
	B	Grouping Data Y1 (DI AL)	Pictograms Y2 (DI ET)	Digital Writing Y1 (ET CM)	Making Music Y2 (CM DD)	Programming Animations Y1 (PG DD)	Programming Quizzes Y2 (PG DD)
Y3/4	A	Connecting Computers Y3 (NW CS)	The Internet Y4 (NW SS)	Stop Frame Animation Y3 (ET CM)	Audio Editing Y4 (ET CM)	Sequencing Sounds Y3 (PG DD)	Repetition in shapes Y4 (PG AL)
	B	Branching Databases Y3 (DI ET)	Data Logging Y4 (CS DI)	Desktop Publishing Y3 (ET CM)	Photo Editing Y4 (CM ET)	Events and Actions in programs Y3 (PG DD)	Repetition in games Y4 (PG DD)
Y5/6	A	Sharing Information Y5 (NW ET)	Internet Communication Y6 (NW ET)	Video Editing Y5 (CM DD)	Webpage Creation (CM DD)	Selection in Physical Computing Y5 (PG CS)	Variables in Games Y6 (PG DD)
	B	Flat file databases Y5 (DE ET)	Introduction to spreadsheets Y6 (ET DI)	Vector Drawing Y5 (ET CM)	3d Modelling Y6 (ET CM)	Selection in quizzes Y6 (AL PG)	Sensing Y6 (PG CS)

AL Algorithms	DI Data and Information	DD Design and Development	NW Networks	IT Impact of technology
CS Computer Systems	CM Creating Media	ET Effective use of tools	PG Programming	SS Safety and Security

NB Internet Safety will be taught as a subject which runs throughout the year, including in February for Safer Internet Day. A range of resources and tools will be used.