


Subject Overview: Computing

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Daycare	Understanding cause and effect	Exploring everyday technology	Exploring Sound and Light	Developing Fine Motor Skills	Exploring simple sequences	Engaging in interactive play
Nursery	Understanding more complex cause and effect	Exploring everyday technology in detail	Exploring patterns and sequences	Developing problem-solving skills with mechanical toys	Using technology in Role Play and pretend scenarios	Exploring simple physical computing concepts
Reception	Staying safe online	Exploring everyday technology and tools	Programming and sequences with physical objects	Problem-Solving with construction and mechanical Toys	Technology in Imaginative Role Play	Exploring Physical computing concepts
Year 1	Online Safety (DL)	Pictograms (IT)	Lego Builders and Maze Explorers (CS)	Animated Story Books (IT)	Coding (CS)	Technology Outside of School (DL)
Year 2	Online Safety (DL) Making Music (IT)	Coding (CS)	Creating Pictures (IT)	Presenting Ideas (IT)	Questioning (IT)	Spreadsheets (IT) Effective Searching (DL)
Year 3	Online Safety (DL) Touch Typing (IT)	Coding (CS)	Spreadsheets (IT) Branching Databases (IT)	Simulations (IT) Graphing (IT)	Email (DL)	Presenting (PowerPoint) (IT)

Year 4	Online Safety (DL) Animation (IT)	Coding (CS)	Writing For Different Purposes (IT)	Logo (CS) Investigating Hardware (CS)	Spreadsheets (IT)	Effective Searching (DL) Making Music (IT)
Year 5	Online Safety (DL) 3D Modelling (IT)	Coding (CS)	Databases (IT)	Game Creator (CS) Concept Maps (IT)	Spreadsheets (IT)	Word Processing (Word) (IT)
Year 6	Online Safety (DL) Text Adventures (CS)	Coding (CS)	Spreadsheets (IT)	Blogging (IT)	Quizzing (IT)	Networks (CS) Understanding Binary (CS)

DL = Digital Literacy

IT = Information Technology

CS = Computer Science