

Computing Key Concepts

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Nursery	All about me and my Family	Colours and Patterns	Journeys	The Changing World Around Me	Amazing Animals	Once Upon a Time
Reception	All about Me and my Wonderful Body	Tales from long ago	People Who Help Us	The World Around Me	Amazing Animals	Water What is life on an island?
Year 1	Information Technology Internet Safety Computing systems and networks-Technology around us (e-safety)	Information Technology Internet Safety Creating media-digital painting	Information Technology Digital Literacy Internet Safety Programming- moving a robot	Information Technology Computer Science Internet Safety Creating Media (Digital writing)	Information Technology Digital Literacy Internet Safety Databases- Grouping data	Computer Science Internet Safety Programming- Introduction into animation
Year 2	Information Technology Digital Literacy Internet Safety Computing systems and networks-Technology around us (e-safety)	Information Technology Digital Literacy Internet Safety Creating media-digital painting	Information Technology Internet Safety Creating Media (making Music)	Information Technology Computer Science Internet Safety Programming- Robot Algorithms	Information Technology Digital Literacy Internet Safety Databases-Pictograms	Computer Science Internet Safety Programming Quizzes
Year 3	Information Technology Digital Literacy Computer Science Internet Safety Computing systems and networks	Digital Literacy Internet Safety Creating media - Desktop publishing	Digital Literacy Internet Safety Creating media - Stop-frame animation	Digital Literacy Computer Science Internet Safety Programming - Sequence in music	Digital Literacy Internet Safety Data and information Branching databases	Digital Literacy Computer Science Internet Safety Programming - Events and actions
Year 4	Information Technology Digital Literacy Internet Safety Computing systems and networks – Technology around us	Digital Literacy Internet Safety Creating media - Photo editing	Digital Literacy Internet Safety Creating media - Audio editing	Digital Literacy Computer Science Internet Safety Programming - Repetition in shape	Digital Literacy Computer Science Internet Safety Data and information - Data logging	Computer Science Internet Safety Programming - Repetition in games
Year 5	Information Technology Digital Literacy Computer Science Internet Safety Computing systems and networks - Sharing information	Digital Literacy Internet Safety Creating media – Vector drawing	Digital Literacy Internet Safety Creating media - Video editing	Digital Literacy Computer Science Internet Safety Programming - Selection in physical computing	Digital Literacy Internet Safety Data information - Flat file databases	Digital Literacy Computer Science Internet Safety Programming - Selection in quizzes
Year 6	Information Technology Digital Literacy Computer Science Internet Safety Computing systems and networks- communication and collaboration	Digital Literacy Internet Safety Creating media – Web page creation	Digital Literacy Computer Science Internet Safety Programming – Variables in games	Digital Literacy Internet Safety Data and information – Introduction to Spreadsheets	Digital Literacy Internet Safety Creating media – 3D Modelling Digital Literacy Internet Safety	Digital Literacy Computer Science Internet Safety Programming – Sensing movement