



Computing Overview - PPS



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS Nursery	Online Safety Coding – Grouping, sorting	Cause and effect toys Technology in our lives	Online Safety Coding - Sequencing Events	Technology in Our Lives	Coding – Pattern	Technology in Our Lives
EYFS Reception	Online Safety – seek help from a trusted adult Coding – Grouping, sorting	Coding – Pattern Technology in our lives	Online Safety Coding, mapping and Sequencing Events	Technology in Our Lives Coding - Pattern	Technology in Our Lives	Information Technology
Year 1	Online Safety –tell a trusted adult, introduction to sharing photos	Coding – sequences of instructions in a range of contexts including programmable robot toys	Coding – sequences of instructions in a range of contexts including using J2Code	Technology in Our Lives – parts of a computer	Information Technology – digital writing	Information Technology - digital painting
Year 2	Online Safety – introduction to digital footprints, people met online are strangers	Coding – introduction to algorithms through the creation of logical sequences of instructions	Coding – introduction to sequence and selection using Scratch Jr	Technology in Our Lives – uses and features of IT within and beyond school	Information Technology – creating slides	Data Handling – creating digital pictograms
Year 3	Online Safety – introduction to strategies for safe and reliable use of online communication and information	Coding – sequencing in programming in Scratch using sounds	Coding – sequencing in programming in Scratch using events and actions.	Technology in Our Lives – computing systems and networks	Information Technology – introduction to word processing	Data Handling – branching databases
Year 4	Online Safety – identifying and addressing unacceptable behaviour online, and behaving respectfully	Coding – programming repetition in shapes in Logo	Coding – selection in programming in Scratch to create quiz	Technology in Our Lives – the internet and World Wide Web	Information Technology – development of word processing skills	Information Technology – audio editing
Year 5	Online Safety – strategies for being discerning about digital content and communication, issues related to smart phones	Coding – physical programming using Crumble microcontrollers including sequence, selection and repetition to control lights, motors and sound, and to create a working model		Technology in Our Lives – sharing information on computing systems and networks	Information Technology – using slides to create a selection game	Data Handling – introduction to spreadsheets
Year 6	Online Safety – using social media safely, cyberbullying and issues related to plagiarism	Coding – creating games using sequence, selection and repetition in Scratch including decomposition of tasks, creating sprites and use of variables		Technology in Our Lives - collaboration/communication on computing systems and networks	Information Technology – webpage design to showcase computing skills and the creation of digital content	