



Computing Curriculum Overview



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Baseline children's knowledge of computing, thinking ahead – how best to support in the next half term	Using a computer + 1 online safety lesson.	All about instructions + 1 online safety lesson.	Programming Bee-Bot + 1 online safety lesson.	Introduction to data + 1 online safety lesson.	Consolidation of previous units of work – children to 'show off' all their learning.
Year 1	Revise previous learning taught, look at prior knowledge and how best to support pupils moving forward	Improving mouse skills + 1 online safety lesson.	Algorithms unplugged + 1 online safety lesson.	Programming + 1 online safety lesson.	Introduction to data + 1 online safety lesson.	Consolidation of previous units, children to use and apply across the curriculum.
Year 2	Revise previous learning, consolidation of prior knowledge, assessment of what children know, need to learn in the coming units	What is a computer? + 1 online safety lesson.	Algorithms and debugging + 1 online safety lesson.	Online safety + 1 online safety lesson.	Data handling – ISS + 1 online safety lesson.	Consolidation of previous units, children to use and apply across the curriculum.
Year 3	Revise previous learning, consolidation of prior knowledge, assessment of what children know, need to learn in the coming units	Networks and the internet + 1 online safety lesson.	Programming: Scratch + 1 online safety lesson.	What's inside a computer? + 1 online safety lesson.	What other devices can we use other than an Ipad? + 1 online safety lesson.	Consolidation of previous units, children to use and apply across the curriculum.

Year 4	Revise previous learning, consolidation of prior knowledge, assessment of what children know, need to learn in the coming units	Collaborative learning + 1 online safety lesson.	Development of coding skills + 1 online safety lesson.	HTML + 1 online safety lesson.	Computational thinking + 1 online safety lesson.	Consolidation of previous units, children to use and apply across the curriculum.
Year 5	Revise previous learning, consolidation of prior knowledge, assessment of what children know, need to learn in the coming units	Search engines + 1 online safety lesson.	Programmable music + 1 online safety lesson.	Data handling: Mars Rover + 1 online safety lesson.	Online safety	Consolidation of previous units, children to use and apply across the curriculum.
Year 6	Revise previous learning, consolidation of prior knowledge, assessment of what children know, need to learn in the coming units	Coding – A computers history: Bletchley Park + 1 online safety lesson.	Intro to Python + 1 online safety lesson.	Data Handling + 1 online safety lesson.	The history of computers + 1 online safety lesson.	Consolidation of previous units, children to use and apply across the curriculum.