



COMPUTING CURRICULUM MAP

E-safety, is taught across all year groups throughout the year (at least one lesson per half term) and is supplemented by the National Online Safety. We also recap and revisit e-safety information focusing on times where children are more likely to use online devices (e.g. Christmas), and celebrate Online Safety Week.

Each year group will also have a STEM career focus, which they will explore throughout the year. The children will find out about the job role, research the skills and qualifications needed and have a taster into an activity linked to the career. See careers focus for each year group below.

	Autumn 1 Computer Systems and Networks	Autumn 2 Creating Media	Spring 1 Programming A	Spring 2 Data and Information	Summer 1 Creating Media	Summer 2 Programming B
YR1 Career focus: Mobile Applications Developer	Technology Around Us (1x online safety lesson)	Digital Painting (1x online safety lesson)	Moving a Robot (1x online safety lesson)	Grouping Data (1x online safety lesson)	Digital Writing (1x online safety lesson)	Programming Animations (1x online safety lesson)
YR2 Career focus: Graphic Designer	IT Around Us (1x online safety lesson)	Digital Photography (1x online safety lesson)	Robot Algorithms (1x online safety lesson)	Pictograms (1x online safety lesson)	Digital Music (1x online safety lesson)	Programming Quizzes (1x online safety lesson)
YR3 Career focus: Environmental Engineer	Connecting Computers (1x online safety lesson)	Stop-Frame Animation (1x online safety lesson)	Sequencing Sounds (1x online safety lesson)	Branching Database (1x online safety lesson)	Desktop Publishing (1x online safety lesson)	Events and Actions in Programs (1x online safety lesson)
YR4 Career focus: Video Game Designer	The Internet (1x online safety lesson)	Audio Production (1x online safety lesson)	Repetition in Shapes (1x online safety lesson)	Data Logging (1x online safety lesson)	Photo Editing (1x online safety lesson)	Repetition in Games (1x online safety lesson)
YR5 Career focus: Architect	Systems and Searching (1x online safety lesson)	Video Production (1x online safety lesson)	Selection in Physical Computing (1x online safety lesson)	Flat File Databases (1x online safety lesson)	Introduction to Vector Graphics (1x online safety lesson)	Selection in Quizzes (1x online safety lesson)
YR6 Career focus: Computer Programmer	Communication and Collaboration (1x online safety lesson)	Web Page Creation (1x online safety lesson)	Variables in Games (1x online safety lesson)	Spreadsheets (1x online safety lesson)	3D Modelling (1x online safety lesson)	Sensing Movement (1x online safety lesson)