



Computing: Sequence of Learning



Computing Units						
	Computing Systems and networks	Data and Information	Programming A	Programming B	Creating Media	Creating Media
Year 1	Technology around us	Grouping data	Moving a robot	Programming animations	Digital painting	Digital writing
Year 2	IT around us	Pictograms	Robot algorithms	Programming quizzes	Digital photography	I Digital music
Year 3	Connecting computers	Branching databases	Sequencing sounds	Connecting Events and actions in programs	Desktop publishing	Stop-frame animation
Year 4	The Internet	Data logging	Repetition in shapes	Repetition in games	Audio production	Photo editing
Year 5	Systems and searching	Flat-file databases	Selection in physical computing	Selection in quizzes	Introduction to vector graphics	Video production
Year 6	Communication and collaboration	Spreadsheets	Variables in games	Sensing movement	3D modelling	Web page creation

e-safety Coverage			
	Content	Contact	Conduct
Year 1	<ul style="list-style-type: none"> ● App purchasing ● Upsetting images 	<ul style="list-style-type: none"> ● Unkind comments ● Online strangers 	<ul style="list-style-type: none"> ● What is personal information? ● What is an avatar?
Year 2	<ul style="list-style-type: none"> ● Pop-Ups ● Who to tell? (Inappropriate content) 	<ul style="list-style-type: none"> ● Impact of/Responding to cyberbullying ● Understanding manipulative behaviour 	<ul style="list-style-type: none"> ● When is it ok to share? ● Offline behaviour vs. online behaviour
Year 3	<ul style="list-style-type: none"> ● Scam spotters ● Inappropriate content (revision) 	<ul style="list-style-type: none"> ● Warning signs/expressing opinions ● Identifying different forms of manipulative tactics 	<ul style="list-style-type: none"> ● Who should we share with? ● Why do we have passwords? Generating a strong password ● Spotting the signs (screen time) ● Modifying our online avatars
Year 4	<ul style="list-style-type: none"> ● Downloading (revision) ● Inappropriate content (revision) 	<ul style="list-style-type: none"> ● Communicating online vs. communicating offline ● Like/Admire vs. trust 	<ul style="list-style-type: none"> ● Digital Footprint ● Evaluating passwords ● Maintaining a balance ● Examining online profiles
Year 5	<ul style="list-style-type: none"> ● Sharing content 	<ul style="list-style-type: none"> ● Respect/Disrespect ● Motives 	<ul style="list-style-type: none"> ● Digital Footprint/Personal Information (revision) ● Passwords (revision) ● Analysing online profiles
Year 6	<ul style="list-style-type: none"> ● Ephemeral & Expiring content (revision) ● What's the safest choice? (Video chat/Webcams) ● Fake vs. real/reliability 	<ul style="list-style-type: none"> ● Why does cyberbullying happen? Anonymity ● Grooming (revision) 	<ul style="list-style-type: none"> ● Digital Footprint/Personal Information (revision) ● Creating online profiles