



Computing and Online Safety - Long Term Curriculum Overview 2023 - 2024

Subject area	Autumn Term A	Autumn Term B	Spring Term A	Spring Term B	Summer Term A	Summer Term B
F1	<u>Operating IT Equipment</u> Learning how to operate simple technology.	<u>Playing with Technology and programmable toys</u> Demonstrating an interest in using and playing with technology	<u>Technology Uses</u> Recognising the uses for ICT equipment.	<u>Cause and Effect of ICT</u> Explaining the cause and effect of toys with technology.	<u>The Use of a Computer</u> Exploring that computers can be used to find out information.	<u>Technology at Home</u> Discussing the types of technology at home.
F2	Computer discovery- Digital Literacy and Numeracy	Mouse/ Trackpad and Keyboard skills Digital Literacy and Numeracy	Early Digital Music Digital Literacy and Numeracy	Digital Photos and Video Digital Literacy and Numeracy	Digital Art and Design Digital Literacy and Numeracy	Early Programming Digital Literacy and Numeracy
	Sharing Pictures Online		Smartie the Penguin		Penguin Pig	
Year 1	Introduce Programming	Mouse and Keyboard Skills	Text and Images	Uses of ICT	Digital Art	3D Design
	Privacy and Security Understand what personal information is and why we keep personal information private		Online Relationships Understand where to go for help and support when concerned		Online Bullying Understand why it is important to respect people online	
Year 2	Programming with Scratch Jr	Data Handling	Develop Programming	E-book Creation	Digital Art	Animation
	Self-Image, Identity and Online Reputation Understand the dangers of sharing photos online		Managing Online Information Understand that we can't trust everything we find on the internet		Digital Wellbeing Understand why it is important to be responsible on the internet	
Year 3	Programming in Scratch	Document Editing and Creation	Programming in Kodu	Music Creation	Comic Creation	3D Design
	Privacy and Security		Online Relationships		Online Bullying	

	Understand why people pretend to be someone else online and why we only talk to people we know in the real world, when online		Understand what to do if someone upsets you online and identify a range of ways to report concerns about content and contact		Understand the importance of being kind in the real world and also online and know why and how people can be nasty online	
Year 4	Programming in Scratch	Data Handling	Coding with Lego WeDo	E-book Creation	Video Editing	Animation
	Self-Image, Identity and Online Reputation Understand the consequences of sharing photos/videos/information about yourself online		Managing Online Information Understand why we should not always trust what we read online and how to check.		Digital Wellbeing Understand how to enjoy video games responsibly, without becoming addicted, and know the importance of limiting screen time	
Year 5	Programming in Scratch	App Design	Coding with Lego WeDo	Music Creation	Coding with Drones	3D Design
	Privacy and Security Understand the term 'sharing online' and why we need to get permission to share photos and videos of other people		Online Relationships Understand how, where and who can we report concerns we have to		Online Bullying Understand how to respect and protect against online bullies	
Year 6	Programming in Scratch	Data Detectives	Coding with Micro:bits	Web Design	Coding with HTML	Programming in Python
	Self-Image, Identity and Online Reputation Understand the term <i>digital footprint</i>		Managing Online Information Understand how to check online content is trustworthy		Digital Wellbeing Understand the pitfalls of in-app purchases	