St Mary's and St Benedict's RC Primary School
Yearly Curriculum Overview - Computing

EYFS	Although Technology is no longer a strand in the Early Years Framework, we recognise that is vitally important to support and enhance learning. During the Early Years, children will learn how to use: iPads for educational games such as Phonics and counting Beebots for programming and position and direction Talking postcards/talking pegs and talking tins to support orally rehearsing writing and speech and language skills.					
EYFS	**2 Be Safe Online**	Self-image and identity Online relationships	Online Reputation Online Bullying	Health, Wellbeing and Lifestyle	Privacy and Security	Managing Online Information	Copyright and Ownership
		Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**
Key Stage 1	Cycle A	1.1 Online Safety & Exploring Purple Mash (7 weeks) 7 weeks TOTAL	1.2 Grouping and sorting (2 weeks) 1.9 Technology outside school (2 weeks) 4 weeks TOTAL	1.4 Lego Builders (3 weeks) Extra Unit 3 weeks TOTAL	1.7 Coding (6 weeks) 6 weeks TOTAL	2.6 Creating pictures (5 weeks) 5 weeks TOTAL	1.6 Animated Story Books (5 weeks) 2.5 Effective Searching (3 weeks) 8 weeks TOTAL

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		Self-image and identity Online relationships	Online Reputation Online Bullying	Health, Wellbeing and Lifestyle	Privacy and Security	Managing Online Information	Copyright and Ownership
	2 Be Safe Online Cycle A						
	Cycle B	1.1 Online Safety & Exploring Purple Mash (4 weeks) 2.3 Spreadsheets (4 weeks) 8 weeks TOTAL	2.1 Coding (6 weeks) 6 weeks TOTAL	2.2 Online Safety (3 weeks) 3 weeks TOTAL	2.4 Questioning (5 weeks) 5 weeks TOTAL	2.7 Making Music (3 weeks) 2.8 Presenting ideas (4 weeks) 7 weeks TOTAL	1.3 Pictograms (3 weeks) 1.5 Maze explorers (3 weeks) 6 weeks TOTAL
	2 Be Safe Online Cycle B	Self-image and identity Online relationships	Online Reputation Online Bullying	Health, Wellbeing and Lifestyle	Privacy and Security	Managing Online Information	Copyright and Ownership
		Autumn 1	**Autumn 2**	**Spring 1**	**Spring 2**	**Summer 1**	**Summer 2**

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Lower Key Stage 2	Cycle A	3.2 Online safety (3 weeks) 3.3 Spreadsheets (3 weeks) 6 weeks TOTAL	3.1 Coding (6 weeks) 6 weeks TOTAL	3.5 Email, including email safety (6 weeks) 6 weeks TOTAL	3.4 Touch Typing (4 weeks) 3.8 Graphing (2 weeks) 6 weeks TOTAL	3.9 Presenting (MS PowerPoint or Google Slides) (6 weeks) 6 weeks TOTAL	3.6 Branching Databases (4 weeks) 3.7 Simulations (3 weeks) Extra Unit 7 weeks TOTAL
	2 Be Safe Online Cycle A	Self-image and identity Online Reputation	Online relationships	Online Bullying Health, Wellbeing and Lifestyle	Privacy and Security	Managing Online Information	Copyright and Ownership

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		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Cycle B	4.7 Effective Search (3 weeks) 4.2 Online Safety (4 weeks) 7 weeks TOTAL	4.1 Coding (6 weeks) 6 weeks TOTAL	4.4 Writing for different audiences (5 weeks) 5 weeks TOTAL	3.10 Microbits (Crumbles) (6 weeks) 6 weeks TOTAL	4.5 Logo (4 weeks) 4.8 Hardware Investigators (2 weeks) 6 weeks TOTAL	4.6 Animation (3 weeks) 4.10 AI (4 weeks) 7 weeks TOTAL
	2 Be Safe Online Cycle A	Self-image and identity Online Reputation	Online relationships	Online Bullying Health, Wellbeing and Lifestyle	Privacy and Security	Managing Online Information	Copyright and Ownership

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Upper Key Stage 2	Cycle A	5.1 Coding (6 weeks)	5.3 Spreadsheets (6 weeks)	5.2 Online Safety (3 weeks)	5.4 Databases (4 weeks)	5.8 Word processing (6 weeks)	5.10 Microbits (Crumbles) (5 weeks)
				5.6 3D Modelling (CAD) (4 weeks)			
		6 weeks TOTAL	6 weeks TOTAL	7 weeks TOTAL	4 weeks TOTAL	6 weeks TOTAL	5 weeks TOTAL
	2 Be Safe Online Cycle A	Self-image and identity\n\nOnline relationships	Online Reputation\n\nOnline Bullying	Health, Wellbeing and Lifestyle	Privacy and Security	Managing Online Information	Copyright and Ownership

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	Cycle B	6.4 Blogging (4 weeks) 6.2 Online safety (2 weeks) 6 weeks TOTAL	6.5 Text Adventures (5 weeks) 5 weeks TOTAL	6.1 Coding (6 weeks) 6 weeks TOTAL	6.9 Spreadsheets (5 weeks) 5 weeks TOTAL	6.6 Networks (3 weeks) 6.8 Understanding Binary (4 weeks) 7 weeks TOTAL	5.9 Using external devices (6 weeks) 6 weeks TOTAL
	2Be Safe Online Cycle B	Self-image and identity Online relationships	Online Reputation Online Bullying	Health, Wellbeing and Lifestyle	Privacy and Security	Managing Online Information	Managing Online Information Copyright and Ownership