

Computing – Topics and Opportunities

	<u>Topics</u>			<u>School Trips and Other Opportunities</u>
Year 1 and 2 (Year A)	Moving a Robot	Grouping Data	Pictograms	Lego Robotics Workshop
	Digital Painting	Robot Algorithms	Digital Writing	
Year 1 and 2 (Year B)	Technology Around Us	IT Around Us	Programming Quizzes	Lego Robotics Workshop
	Digital Photography	Programming Animations	Digital Music	
Year 3 and 4 (Year A)	Sequencing Sounds	Branching Databases	Connecting Computers/ (The Internet)	Brebas Challenge
	(Stop-Frame Animation)	Repetition in Games		
Year 3 and 4 (Year B)	Audio Production	Events and Actions in Programs	Repetition in Shapes	Brebas Challenge
	Data Logging	(Photo Editing)	(Desktop Publishing)	
Year 5 and 6 (Year A)	Flat-File Databases	Selection in Physical Computing	Variables in Games	Brebas Challenge Royal Navy STEM Day
	(Video Production)	(Web-Page Creation)	(Spreadsheets)	
Year 5 and 6 (Year B)	Systems and Searching/ (Communication and Collaboration)	Selection in Quizzes	Sensing Movement	Winchester Science Museum Trip Brebas Challenge Royal Navy STEM Day CAD workshop (3D Printing)
		(Vector Drawing)	3D Modelling	
Programming	Data and Information	Computer Systems and Networks	Creating Media	

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Online Safety – Topics and Opportunities

	<u>Topics</u>			
EYFS	Self-image and Identity Online Relationships Privacy and Security	Online Bullying Health, Wellbeing and Lifestyle	Copyright and Ownership Managing Online Information Online Reputation	
Year 1 and 2 (Year A)	Online Relationships (Yr2)	Self-image and Identity (Yr1) Health, Wellbeing and Lifestyle (Yr2)	Copyright and Ownership (Yr2)	
Year 1 and 2 (Year B)	Online Bullying (Yr2)	Privacy and Security (Yr1) Online Reputation (Yr2)	Managing Online Information (Yr2)	
Year 3 and 4 (Year A)	Online Relationships (Yr3)	Self-image and Identity (Yr4) Health, Wellbeing and Lifestyle (Yr3)	Copyright and Ownership (Yr4)	
Year 3 and 4 (Year B)	Online Bullying (Yr4)	Privacy and Security (Yr3) Online Reputation (Yr4)	Managing Online Information (Yr3)	
Year 5 and 6 (Year A)	Online Relationships (Yr5)	Self-image and Identity (Yr5) Health, Wellbeing and Lifestyle (Yr6)	Copyright and Ownership (Yr6)	
Year 5 and 6 (Year B)	Online Bullying (Yr5)	Privacy and Security (Yr5) Online Reputation (Yr6)	Managing Online Information (Yr6)	

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