Curriculum Map for COMPUTING and online safety

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	importance of talking to adults Information Technology: Using different types of technology and developing keyboard and mouse skills Digital Literacy: Exploring technology with school Computing Science: Following simple instructions	safety and the importance of talking to adults Information Technology: Using digtal devices to video record others Digital Literacy: Exploring technology at home Computing Science: Programming using Bee-Bots	online safety and the importance of talking to adults Information Technology: Using digital devices to record sound Digital Literacy: Comparing different technological devices Computing Science: Solving problems
Year 1 and 2	Online Safety: Not all online content is safe to view and an introduction to AI Online Safety: The way technology is used impacts on others Digital Literacy: Recording a recipe	Online Safety: Digital citizens Online Safety: Personal information Information Technology: Locating and organising images	Online Safety: Search engines will order their results Online Safety: Creating strong passwords Computer Science: Creating simple programs
Year 3 and 4	Online Safety: The internet is not always a safe place and how AI can help Online Safety: Digital footprints Computer Science: Creating an animation	Online Safety: Digital rights and responsibilties	Online Safety: Using good etiquette online Online Safety: Information in the internet is not always true

		Online Safety: Everyone is responsible for looking after the internet Information Technology and Digital Literacy: Shell structures using computer aided design (link toDT)	Information Technology: Collecting and presenting data
Year 5 and 6	Online Safety: Report buttons on websites and how AI can be used to help Online Safety: There are consequences for sharing inappropriate content Information Technology: Creating individual pieces of art	Online Safety: Social media and age restrictions Online Safety: Solving problems as the internet evolves Digital Literacy: Exploring networks	Online Safety: Respecting privacy when online Online Safety: Recognise that in game purchases are linked to bank accounts Computer Science - Electrical systems: monitoring and control (link to DT)

Cycle B

Year Group	Autumn Term	Spring Term	Summer Term
EYFS	Discussions about online safety and the importance of talking to adults Information Technology: Using different types of technology and developing keyboard and mouse skills Digital Literacy: exploring technology with school Computing Science: following simple instructions	Discussions about online safety and the importance of talking to adults Information Technology: Using different types of technology and developing their keyboard and mouse skills Digital Literacy: Exploring technology with school Computing Science: following simple instructions	Discussions about online safety and the importance of talking to adults Information Technology: Using digital devices to record sound Digital Literacy: Comparing different technological devices Computing Science: solving problems
Year 1 and 2	Online Safety: Recognising good and bad choices Online Safety: Understand that games have ratings (PEGI) Information Technology: Editing images and text	Online Safety: Bullying can happen online Online Safety: Being unkind online impacts on feelings and emotions of others	Online Safety: Managing screen time Online Safety: Taking breaks from online gaming Computer Science: Exploring algorithms and digital devices

		Information Technology: Creating images using different digital artistic techniques	
Year 3 and 4	Online Safety: Having different strategies to solve problems Online Safety: Messages spread around the world at a quick pace Computer Science: Writing algorithms and debugging	Online Safety: Understanding peer pressure when online Online Safety: Avatars and the content included on them Computer Science: Electrical systems - simple programming and control (link to DT)	Online Safety: The difference between virtual friends and real friends Online Safety: Information can be protected by using a strong password Information Technology: Creating and editing musical compositions
Year 5 and 6	Online Safety: CEOP Online Safety: Online products are promoted by paid companies and individuals Information Technology: Record and edit videos	Online Safety: Online games use tactics to control and manipulate Online Safety: Negative behaviour online has a negative impact Information Technology: Understanding encryption and data collection	Online Safety: Copyright and the law Online Safety: Individuals can be searched for in the internet Computer Science: Programming using Phython