



Computing Curriculum Overview

Essence of subject: to be confident and safe in a digital world Fluency: online safety, coding, keyboard and mouse skills & use of the internet Key strands: Computer Science , Information Technology , Digital Literacy						
Year	Autumn Term		Spring Term		Summer Term	
1	Computer Systems & Networks Technology Around Us	Creating Media Digital Painting	Programming Moving a Robot: BeeBots	Programming Introduction to Animation: Scratch Jr	Creating Media Digital Writing	Data & Information Grouping Data
	Online Safety Media Balance & Wellbeing <u>Media Balance is Important</u> How do we find a happy balance between our online and offline activities?	Online Safety <u>Digi Duck's Famous Friend</u>	Online Safety Media Balance & Wellbeing <u>Pause for People</u> How do you say goodbye to technology when you don't want to?	Online Safety <u>Jessie & Friends Episode 2: Sharing Pictures</u>	Online Safety Privacy & Security <u>Safety in My Online Neighbourhood</u> How do you go places safely online?	Online Safety NSPCC P.A.N.T.S https://undressed.lgfl.net/ <u>Artificial Intelligence Training a Computer</u>
2	Computer Systems & Networks IT Around Us	Programming Algorithms Unplugged & Mind Robots	Creating Media Digital Photography	Creating Media Digital Music	Programming Introduction to Quizzes	Data & Information Pictograms

	Online Safety <i>Media Balance & Wellbeing</i> Pause & Think How can we be safe, responsible and respectful online?	Online Safety Passwords Are Key (Project Evolve)	Online Safety <i>Media Balance & Wellbeing</i> How Technology Makes You Feel Why is it important to listen to your feelings when using technology? <i>Artificial Intelligence</i> Roo's New Friend	Online Safety <i>Online Safety Stories</i> Troll Stinks! Chicken Clicking <i>Artificial Intelligence</i> My Personal Online Safety Plan	Online Safety <i>Privacy & Security</i> Internet Traffic Light How do you stay safe when visiting a website or app?	Online Safety Jesse & Friends Episode 3: Playing Games
3	<i>Programming</i> Sequencing Sounds	<i>Creating Media</i> Desktop Publishing	<i>Computer Systems & Networks</i> Connecting Computers	<i>Programming</i> Lego WeDo	<i>Data & Information</i> Branching Databases	<i>Creating Media</i> Animation
	Online Safety <i>Media Balance & Wellbeing</i> We the Digital Citizens How can we be good digital citizens? Device-Free Moments Why is it important we have device-free moments?	Online Safety <i>Privacy & Security</i> That's Private! What kinds of information should I keep to myself when I use the internet? <i>Artificial Intelligence</i> Learning From Feedback	Online Safety <i>Artificial Intelligence</i> Generating Content <i>Digital Footprint & Identity</i> Digital Trails What information is okay to have in your digital footprint?	Online Safety <i>Relationships & Communication</i> Who Is In Your Online Community? How are we all part of an online community? Password Generation	Online Safety <i>Cyberbullying, Digital Drama & Hate Speech</i> Putting a STOP to Online Meanness What should you do if someone is mean to you online? Play Like Share Episode 1	Online Safety <i>News & Media Literacy</i> Let's Give Credit! How can you give credit for other people's work?
4	<i>Programming</i> Kodu Game Design	<i>Creating Media</i> Photo Editing	<i>Computer Systems & Networks</i> The Internet	<i>Programming</i> Animating Music Videos	<i>Data & Information</i> Spreadsheets Pizza Party	<i>Creating Media</i> Audio Production
	Online Safety <i>Media Balance & Wellbeing</i> Your Rings of Responsibility How do digital citizens take	Online Safety <i>News & Media Literacy</i> Is Seeing Believing? Why do people alter digital photos and videos?	Online Safety <i>Digital Footprint & Identity</i> This Is Me How does what I post online affect my identity?	Online Safety <i>Relationships & Communication</i> Our Digital Citizenship Pledge	Online Safety <i>Cyberbullying, Digital Drama & Hate Speech</i> The Power of Words What should you do when	Online Safety <i>Privacy & Security</i> Password Power Up How can a strong password help protect your privacy?

	responsibility for themselves, their communities and world?	<i>Artificial Intelligence</i> Is it real? AI generated images and copyright	Play Like Share Episode 2	What makes a strong community? <i>Artificial Intelligence</i> ChatBots	somebody uses mean and hurtful language on the internet? Play Like Share Episode 3	Gamble Aware (PSHE)
5	<i>Programming</i> Selection in Quizzes	<i>Computer Systems & Networks</i> Systems and Searching	<i>Creating Media</i> Vector Drawings	<i>Programming</i> Digital Music	<i>Data & Information</i> Flat-file Databases	<i>Creating Media</i> Video Editing
	Online Safety <i>Media Balance & Wellbeing</i> My Media Choices What makes a healthy media choice?	Online Safety <i>Privacy & Security</i> Private and Personal Information What information about you is okay to share online? <i>Artificial Intelligence</i> Using AI to Solve Problems	Online Safety <i>Digital Footprint & Identity</i> Our Online Tracks How does our online activity affect the digital footprints of ourselves and others? <i>Artificial Intelligence</i> Training Computers	Online Safety <i>Relationships & Communication</i> Keeping Games Fun and Friendly How can I help myself and others be positive and have fun while playing online games?	Online Safety <i>Cyberbullying, Digital Drama & Hate Speech</i> Be a Super Digital Citizen How can we be upstanders when we see cyberbullying?	Online Safety <i>News & Media Literacy</i> A Creator's Rights and Responsibilities What rights and responsibilities do you have as a creator? Twinkl: Spam What is Spam and how can we spot it?
6	<i>Computer Systems & Networks</i> Communication & Collaboration	<i>Programming</i> Variables in Games	<i>Creating Media</i> 3D Modelling	<i>Data & Information</i> Spreadsheets	<i>Programming</i> Micro:bit Sensing	<i>Creating Media</i> Website Design
	Online Safety <i>Media Balance & Wellbeing</i> Finding My Media Balance What does media balance mean for me? Malware & Viruses (BBC) <i>Artificial Intelligence</i> Misleading Content	Online Safety <i>Privacy & Security</i> You Won't Believe This! What is clickbait and how can you avoid it? Strong Passwords Positive/Negative Attention Online (CEOPs)	Online Safety <i>Digital Footprint & Identity</i> Beyond Gender Stereotypes How do gender stereotypes shape our experiences online? Age Related Content <i>Artificial Intelligence</i> The Ethics of AI Images	Online Safety <i>Relationships & Communication</i> Digital Friendships How do you keep online friendships safe? NSPCC Share Aware Lucy & The Boy	Online Safety <i>Cyberbullying, Digital Drama & Hate Speech</i> Is it cyberbullying? What is cyberbullying and what can you do to stop it? Cyber Detectives (City of London Police)	Online Safety <i>News & Media Literacy</i> Reading News Online What are the important parts of an online news article? Self Esteem & Flattery Online (CEOPs)

