

Curriculum Overview by Year Group

	Autumn 1		Autumn 2		Spring 1		Spring 2		Summer 1		Summer 2
Year 1	E-safety: Using the internet safely.	Information Technology: Typing training.	Coding with Tynker JR	E-safety: the internet safely	Digital Literacy: Using a computer/device.		Information Technology: bug hunters Finding, saving, organising, sending, and presenting		Information Technology: Potty Painters - Digital Art and book design		Computer Science: Scratch Jnr - introduction and fundamentals
Year 2	E-safety: Staying safe on the internet – Jessie and Friends.		Computer Science: Scratch Jnr - introduction and fundamentals		Digital Literacy: Using search. Typing training.		Information Technology: Using a computer. What is the Internet.	Information Technology: Introduction to photo editing.	Information Technology: taking and using photos	Information Technology: Presentations iOS	Computer Science: Scratch Jnr - introduction and fundamentals
Year 3	E-safety: Google Share with care <u>Use school current school topic</u>		Information Technology: Research and develop a topic <u>Use school current school topic</u>		E-safety: Google Be Internet Brave	Computer Science: Lightbot - Algorithms	Computer Science: Tynker - Animations		Computer Science: Tynker – Loops, debugging and events.		Computer Science: Tynker – If statements. HTML App Coding
Topic related activities throughout the year.					Computer Science: Tynker - Algorithms Conditions, Functions and App design		Information Technology: Stop motion animation		Computer Science: Scratch Creation of controllable maze game.		
Year 4	E-safety: Google Don't fall for fake		Computer Science: Networks: Understanding the different ways computer communicate	Information Technology: Email	Information Technology: Word processing PowerPoint	Information Technology: Photo Editing - Functions	Computer Science: Tynker - Algorithms Conditions, Functions and App design		Information Technology: Stop motion animation		Computer Science: Scratch Creation of controllable maze game.
Year 5	E-safety: Google Secure your secrets	Information Technology: Using shared cloud documents <u>Use school current school topic</u>	Computer Science: Spreadsheets – Using Formula to automate mathematical problems.	Computer Science: Networks: Search Algorithms	E-safety: Cyberbullying	Computer Science: Lightbot – Algorithms Procedures. Loops and Debugging	Computer Science: Scratch – Simple Game creation		Information Technology: Animation through varied apps	Information Technology: Website creation. SharePoint <u>Use school current school topic</u>	Computer Science: Microsoft Kodu – Advanced game creation
Topic related activities throughout the year.	Computer Science: Scratch – Simple Game creation										
Year 6	E-safety: Google It's cool to be kind Interland's Kind Kingdom		Information Technology: 3D modelling using Sketchup.	Information Technology: Creating CVs <u>Using IT beyond school</u>	E-safety: Why is Social Media Free? Fake News in real life.	Information Technology: Making Videos	Computer Science: MIT App Inventor – Making an app about secondary schools to take home <u>Using IT beyond school</u>	Computer Science: HTML Hacking and Python Coding	Information Technology: ChildNet video competition	Computer Science: Swift Playground – Conditional Code, While loops and Logic.	