Subject Overview – Computing

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Digital Citizenship (Education for a Connected World)					
	Self-image and identity Online relationships Managing online information		*Internet safety day:* **Tuesday 6th February 2024** Online reputation and bullying (digital footprint)		Health, wellbeing and lifestyle Privacy and security Copyright and ownership	
	Digital Literacy		**Computer Science**		**Information Technology**	
Nursery	Parts of a computer - Mouse, Monitor, Keyboard	Using devices/ICT resources with confidence	Explore on screen activities – by clicking cause and effect	Beebots - Tinkering	What **devices** can be used to get online?	Name my work – Belongs to me
Reception	Parts of a computer - Printer, USB, DVD/CD rom	Using and shutting down devices with confidence	On screen simulations – click and drag activities	Beebots – create simple **algorithm** (instructions)	How to use the internet to find things out.	Ways to find information online e.g. voice activated searching, search engines
Year 1	Digital Citizenship	Digital Literacy	Computer Science (CS First) - **Algorithm**		Internet Resources **Jack Kilby & Robert Noyce**	Consolidation project for Digital Literacy
Year 2	Digital Citizenship	Digital Literacy	Computer Science (CS First) - **Events/Program**		Effective Searching **Tim Berners Lee**	Consolidation project for Digital Literacy
Year 3	Digital Citizenship	Digital Literacy	Computer Science (CS First) - **Sequence**		Online Communication **Ada Lovelace & Charles Babbage**	DL Project – Stop motion animation
Year 4	Computer Science Consolidation	Digital Citizenship	Digital Literacy	Computer Science (CS First) - **Repeat/Loops**	Computer Networks **Hedy Lamarr & Radia Perlman**	DL Project – Creating short film/animation
Year 5	Digital Citizenship	Digital Literacy	Computer Science (CS First) - **Selection/Conditionals**		What is a computer? **Bill Gates, Grace Hopper & Steve Wozniak**	Creative Project
Year 6	Digital Citizenship	Digital Literacy	Computer Science (CS First) - **Variables**		History and the Future of Computing **Alan Turing & Elon Musk**	Creative Project