



PYE BANK COMPUTING OVERVIEW 2023-2024

Strand 1	Strand 2	Strand 3	Strand 4
Computer Systems and Networks	Programming	Data and Information	Creating Media

	Autumn 1		Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
Online Safety Focus	Health, Well-being and Lifestyle 	Privacy and Security 	Online Bullying 	Copyright and Ownership 	Managing Online Information 	Online Relationships 	Online Reputation 	Self-Image and Identity
FS	FS.1: What is a computer?		FS.3: The Social Web How do I stay safe online? (S1/S2/S3)	FS.2: Do computers have a brain? FS.3: Life Style (L1/L2)	FS.3: Lifestyle (L1/L2)	Programming 2 (Links to Geography & using bee-bots) FS.3: Protecting Ourselves (P1)	FS.4: What kind of art can I make on a computer?	
Year 1	1.1: How do I use a school computer independently? CHROME BOOKS PAINTZ.APP		1.4a: How can I create a piece of writing on the computer? <i>Links to the English Curriculum</i> CHROME BOOKS GOOGLE CLASSROOM	1.4b: How can I create a piece of art work using the computer? <i>Links to Art Curriculum</i> CHROME BOOKS PAINTZ.APP	1.2a: What is an algorithm? Beebots Ipads Beebot APP	1.2b: What is a program? CHROME BOOKS Scratch Jnr	1.4c: How can I use text and images together? <i>Links to the English Curriculum</i> CHROME BOOKS GOOGLE CLASSROOM	
Year 2	2.1: How do digital devices help us? All lessons CHROME BOOKS GOOGLE CLASSROOM		2.2: How do I improve my algorithm and debug it? CHROME BOOKS Scratch Jnr	2.4a: How can I use a computer to create music? <i>Links to Music Curriculum</i> CHROME BOOKS Chrome Lab	2.3: How do I group and sort data on a computer (Pictogram)? <i>Links to Maths Curriculum</i> CHROME BOOKS J2e.com	2.4b: How can I capture, edit and improve a photograph? <i>Links to Art and Science Curriculum</i> Ipads App: Pixlr	2.4c: How can I present text and images to an audience? <i>Links to Science Curriculum</i> CHROME BOOKS GOOGLE CLASSROOM	

Year 3	3.4a: What makes a great animation? <i>Links to English and History Curriculum.</i>	3.4b: How can I create a magazine cover using Desktop Publisher? <i>Links to Geography Curriculum.</i>	3.2a: How can I program music using Scratch? <i>Links to Music Curriculum</i>	3.1: How are digital devices connected? AI lessons (Short unit)\	3.2b: How do I use repetition and loops to create shapes?	3.4c: How can I create 3D shapes on the computer? <i>Links to DT Curriculum.</i>
	IPADS Stop motion	CHROME BOOKS GOOGLE CLASSROOM	CHROME BOOKS Full Scratch	CHROME BOOKS GOOGLE CLASSROOM	CHROME BOOKS Turtle Academy (Logo)	CHROME BOOKS TinkerCAD
Year 4	4.4a: How can I create an excellent presentation? <i>Links to English and History Curriculum.</i>	4.4b: How can I enhance art by using digital tools? <i>Links to the Art Curriculum</i>	4.2: How do I use repetition and loops to create games?	4.1: How is the World Wide Web created? AI lessons	4.4c: What makes a great podcast? <i>Links to English and History Curriculum.</i>	4.3: How can I use a computer to organise data?
	CHROME BOOKS GOOGLE CLASSROOM	iPADS	CHROME BOOKS Full Scratch	CHROME BOOKS GOOGLE CLASSROOM	CHROME BOOKS Audacity	CHROME BOOKS GOOGLE CLASSROOMS
Year 5	5.4a: How can I use a navigation path to enhance a user's experience? <i>Links to English and History Curriculum.</i>	5.2b: How do I create a program that makes choices dependent on conditions?	5.3: How can databases help to organise data?	5.1: How is information shared in the digital world? AI lessons	5.4b: How can I use Computer Aided Design (CAD) to create 3D models? <i>Links to DT Curriculum.</i>	5.2a: How do I use selection with a physical component? <i>Links to DT Curriculum.</i>
	CHROME BOOKS GOOGLE CLASSROOM	CHROME BOOKS Full Scratch	CHROME BOOKS GOOGLE CLASSROOM	CHROME BOOKS GOOGLE CLASSROOM	CHROME BOOKS TinkerCAD	CHROME BOOKS Crumble
Year 6	6.4a: How do I create a website? <i>Links to History Curriculum.</i>	6.2a: How do I create variables in a game?	6.4b: How can I recreate the work of a David Hockney using digital technology? <i>Links to the Art curriculum.</i>	6.1: How is the internet used to communicate and share information? AI lessons	6.2b: How do I program a Micro Bit to be a step counter?	6.4c: What makes a brilliant film? <i>Links to English Curriculum.</i>
	CHROME BOOKS GOOGLE CLASSROOM	CHROME BOOKS Full Scratch	ipads Vectornator	CHROME BOOKS GOOGLE CLASSROOM	CHROME BOOKS Microbit	iPads iMovie