COMPUTING – WHOLE SCHOOL OVERVIEW 2023-2024

		AUTUMN		SPRING		SUMMER	
R	Let's Explore	People culture and communities; The natural world	Long Ago	People, culture and communities; The natural world	Animal Safari	People, culture and communities; The natural world
	Marvellous Machines	The natural world	Ready Steady Grow		On the Beach	
			Signs of Spring		Creep, Crawl and Wriggle	
1			Bright Lights, Big City	Searching the web; Algorithms; Logical reasoning; Programming; Common uses of information technology	School Days	Fieldwork; Human and physical features; Maps; Local environment; Changes over time
	Barefoot Computing	Staying safe online;					
	D.A.R.E.S.	ANIMATION – Creating a Cartoon	PRESENTATIONS - Storyboard	PROGRAMMING – Robot Maze Game	AI - AI Around Us	DATA - Pictograms	PHOTO & DIGITAL ART – Emoji Avatars
	Software/app	Puppetpals (paid) Seesaw (free)	Pic collage Seesaw (free)	Scratch Jnr (free)	Puppetpals (paid) Seesaw (free)	Pic collage Seesaw (free)	Keynote or PowerPoint
2	Land Ahoy!	Programming; Using presentation software	Portraits and Poses	Art software; Photography; Photo editing	Street Detectives	Photo stories; Algorithms
	Barefoot Computing	Staying safe online;					
	D.A.R.E.S.	PHOTOGRAPHY AND DIGITAL ART - Photoshopping	PRESENTATION – Speech Bubble pictures	DATA HANDLING – Venn diagrams	PROGRAMMING – Knock knock jokes	AI – AI advantage video	PROGRAMMING - Algorithms
	Software/app	Pic collage Adobe Express (free)	Balloon Stickies+ (free) Google Slides (free)	Pic collage Seesaw (free)	Scratch Jnr (free)	Shadow Puppets Edu Adobe Spark Video (free)	Beet Bot app (free) BeeBots

3	Rocks Relics and Rumbles	Databases				
Barefoot Computing	Staying safe online;					
D.A.R.E.S.	PROGRAMMING - Animation	NETWORKS – Network Explorer	AR & VR – Designing a playground	PROGRAMMING – MicroBit LED animations	AI – Exploring Data	PRESENTATIONS – Paper based app prototype
Software/app	Scratch 3.0 (free)	Adobe Spark Video (free)	Tinkercad (free)	MicroBit (optional) and MakeCode	Doink Greenscreen (paid) Adobe animate your voice (free)	Marvel

4						
Barefoot Computing	Staying safe online;					
D.A.R.E.S.	DATA HANDLING - - Online questionnaire	AI – Teachable Machine	NETWORKS – The Internet	PRESENTATION - Posters	PROGRAMMING – MicroBit Get off my stuff	PROGRAMMING – Robor Orchestra
Software/app	Google Forms (free)	Teachable Machine website	Doink Greenscreen (paid) iMovie (free) Adobe Spark Video (free)	Adobe Express (free)	Microbit (optional) and MakeCode	Crumbles (paid hardware)

5	Off with Her Head!	Research; Data handling; Presentations			Allotment	Using the web; Word processing
Barefoot Computing	Staying safe online;					
D.A.R.E.S.	PROGRAMMING - Quiz	NETWORKS – Search Engines	AR & VR – Interactive Poster	PRESENTATIONS – Web Page Design	AI – My AI invention	DATA HANDLING – Google Sheets
Software/app	Scratch 3.0 (free)	Adobe Spark (free)	Eyejack (free)	Adobe Spark Page	Teachable Machine Website	Google Sheets

6	Britain at War	Place and interconnections; Maps	Electrical Circuits and Components	Programming; Animating LEDs; Introducing repeats; Sensors and monitoring		
			Environmental Artists	Video editing software		
Barefoot Computing	Staying safe online;					
D.A.R.E.S.	AR &VR – Interactive VR	NETWORKS - HTML	PRESENTATIONS - App Prototype	PROGRAMMING – Microbit Sensors	PROGRAMMING - Tinkercad	AI – Machine Learning for Kids
Software/app	Thinglink (paid)	X-ray googles and Glitch (free)	Keynote, PowerPoint or Google Slides	Microbit (optional) and MakeCode	Tinkercad (free)	Machine Learning for kids website

denotes Driver Project