

Mengham Junior School: Computing curriculum map 2023 - 2024



Integrated across the curriculum: Word processing; Presenting (using various technologies and software); Researching; Online Safety; Typing.

Computer Science (understand how programming works) – coding, programming and computer networks

Information Technology (use different devices and software) – video creation, AR & VR, AI, animation, sound, Photo and Digital art and presentations

Year groups	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Information Technology and Computer Science					
	Digital literacy (online safety) – first computing lesson of every half term and embedded throughout the curriculum					
	Online safety - Self-image & ID	Online Safety - Managing online information engines	E-safety Day	Online Safety - Online Reputation	Online Safety - Online Relationships	Online Safety – Privacy & Security
Year 3	Introduction to using the school laptops, iPads and school links. Laptop unit	Programming – Lightboxes (Crumble) DT cross- curricular		Programming - First lessons in BBC Micro: bit Laptop unit	AI – Data, Data, Data Laptop unit	Photo and Dig Art – Digital self-portrait (Keynote) iPad unit
Year 4	AI Teachable Machine – (Teachable Machine Website) iPad unit	Programming – Quiz (Scratch) Laptop unit		Programming - First lessons in BBC Micro: bit Laptop unit	Computer Networks – Understanding the internet (Doink & iMovie) iPad unit	AR & VR – Invent a toy (Tinkercad) Laptop unit
Year 5	Video creation - News report (Doink Greenscreen and iMovie) iPad unit	Data Handling (Google sheets) iPad unit		Programming - First lessons in BBC Micro: bit Laptop unit	Computer Networks – Understanding search engines (Keynote) iPad unit	Programming – Robots Dogs (Crumble) DT cross-curricular Laptop unit
Year 6	Animation – Animated cartoon character GIF (Keynote) iPad unit	Computer Networks – HTML (X-Ray Goggles and Glitch) Laptop unit		Programming - First lessons in BBC Micro: bit Laptop unit	SATS and residential	Programming – Video Game (Scratch) Laptop unit

Units are adapted from Mr P ICT D.A.R.E.S scheme of learning and Hampshire.