Computing Curriculum Overview

Bassingbourn Community Primary School · 2026 to 2028

Computing is taught from Year 1 to Year 6 using the Kapow Primary scheme of work. Our classes are mixed-age, so units follow a two-year rolling programme. Online safety is taught in its own units and revisited throughout the year.

Years 1 and 2 (mixed classes; the two years then alternate)

YEAR	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
2026–27	Computer systems: using computers 1	Programming: commands unplugged	Programming: algorithms and debugging	Creating media: digital designers	Creating media: digital designers 2	Online safety: online privacy and safe use
2027–28	Computer systems: using computers 2	Programming: floor robots	Programming: MakeCode	Creating media: digital designers 3	Computer systems: the internet	Data handling: introduction to data

Years 3 and 4 (mixed classes; the two years then alternate)

YEAR	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
2026–27	Programming: Scratch	Computer systems: connecting devices	Programming: further coding with Scratch	Networks: connecting networks	Creating media: video trailers	Online safety: be kind online
2027–28	Programming: computational thinking	Networks: storing, organising and sharing information	Programming: MakeCode loops	Creating media: creating a website	Creating media: digital images	Data handling: branching databases

Years 5 and 6 (the two years alternate)

YEAR	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
2026–27	Programming: music	Computer systems: websites, search and storage	Programming: Scratch pixels and positions	Networks: hardware, storage and security	Creating media: animations	Data handling: spreadsheets
2027–28	Programming: BBC micro:bit	Networks: machine learning	Programming: exploring Python	Creating media: podcasts	Creating media: multimedia project	Online safety: life online