SS Peter & Paul Catholic Primary School

Computing Long Term Plan

The Purple Mash 2025 scheme as we teach it · 2026–27

Computing is taught for one hour weekly in every year group. Each unit is shaded by the national curriculum strand it mainly serves — blue for Computer Science, gold for Information Technology, green for Digital Literacy. Lesson counts are shown beneath each unit title. Online safety runs alongside all of this, every week, through 2BeSafe.

Year	Unit	Unit	Unit	Unit	Unit	Unit	Unit	Unit
Year 1	Introduction to Purple Mash IT · 3 lessons	Creative Computing IT · 4 lessons	Data Explorers IT · 6 lessons	Creating & Following Instructions CS · 3 lessons	Animated Stories IT · 6 lessons	Coding CS · 6 lessons	Technology Around Us DL · 4 lessons	Making Beats IT · 4 lessons
Year 2	Creating Pictures IT · 5 lessons	Making Music IT · 3 lessons	Spreadsheets IT · 6 lessons	Route Explorers CS · 4 lessons	Questioning IT · 4 lessons	Coding CS · 6 lessons	Presenting Ideas IT · 4 lessons	The Internet IT · 4 lessons
Year 3	Touch Typing IT · 4 lessons	Email DL · 6 lessons	Route Planners CS · 5 lessons	Spreadsheets IT · 6 lessons	Coding CS · 6 lessons	Presentations IT · 5 lessons	Branching Databases IT · 4 lessons	
Year 4	Animation IT · 6 lessons	Unpacking Hardware & Software IT · 4 lessons	Sound Stories IT · 4 lessons	Logo CS · 4 lessons	Effective Searching DL · 4 lessons	Coding CS · 6 lessons	Composing Beats IT · 4 lessons	Introduction to AI IT · 4 lessons
Year 5	Quizzing IT · 5 lessons	Databases IT · 4 lessons	Game Creator CS · 5 lessons	Spreadsheets IT · 6 lessons	Coding CS · 6 lessons	Word Processing IT · 6 lessons	Concept Maps IT · 4 lessons	
Year 6	Blogging IT · 4 lessons	Networks CS · 4 lessons	Graphing IT · 4 lessons	Data Detectives IT · 4 lessons	Coding CS · 6 lessons	3D Modelling IT · 4 lessons	Spreadsheets IT · 6 lessons	Introduction to Python CS · 4 lessons

Running alongside, all year

Online safety — every week, Reception to Year 6	Enrichment units	Beyond the timetable
Taught through 2BeSafe — Being Safe in a Digital World, mapped to the UKCIS Education for a Connected World framework. This is the backbone of our Digital Literacy strand, which is why only three Purple Mash units carry that label. See our Online Safety page for the full programme.	Robotics with the Mai-Z MouseBot (Y1–6), micro:bit (Y3–6), Coding External Devices (Y5) and Binary (Y6) are taught where time and need allow. Introduction to Purple Mash is used with any class new to the platform.	A coding club using LEGO Spike Education extends the curriculum for children who want to go further. Learning by Questions supports maths in Years 3 to 6, and Kahoot supports retrieval in Key Stage 1.