



SAPPERTON COMPUTING CURRICULUM

Computing Long Term Plan Year A (2025-2026)						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Mini Mash – Technology Around Us	Mini Mash - Robots	Mini Mash – Safety and Privacy	Mini Mash - Photography	Mini Mash – Drawing Skills	Mini Mash - Quizzes
Year 1 and 2	Introduction to PM (1) Creative Computing (1)	Creating Pictures (2)	Spreadsheets (2)	Animated Stories (1)	Coding (1)	Coding (2)
Lessons (36 Total)	3 & 4	5	6	6	6	6
Year 3 and 4	Email (3)	Unpacking Hardware & Software (4)	Route Planners (3)	Effective Searching (4)	Coding (3/4 – See coding breakdown table below)	Presentations (3) Spreadsheets (3)
Lessons (36 Total)	6	4	5	4	6	5 & 6
Year 5 and 6	Quizzing (5) Game Creator (5)	Graphing (6)	Spreadsheets (6) (Microsoft, Apple & Google)	Coding (5/6 – See coding breakdown table below)	Word Processing (5) (Microsoft, Apple & Google)	3D Modelling (6)
Lessons (36 Total)	5 & 5	4	6	6	6	4
ALL	Online Safety – Delivered throughout the year using 2BeSafe – Being Safe in a Digital World (Reception & Odd's)					
Lessons	Self-Image and Identity	Online Relationships	Online Reputation Online Bullying	Managing Online Information	Health, Well-being and Lifestyle	Privacy and Security Copyright and Ownership

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Year 3&4 (Coding Breakdown)

Coding lessons from both year 3 and 4 have been grouped in cycles of related concepts that support progression in a mixed year class.

Year 3 & 4 – Cycle A (2025-2026)						
Title	Using Flowcharts	Using Timers	'if' statements	Coordinates	Code, Test and Debug	Design, Code, Test and Debug
Year	Year 3	Year 3	Year 4	Year 4	Year 3	Year 4
Lesson Number	Lesson 1	Lesson 2	Lesson 2	Lesson 3	Lesson 4	Lesson 1

Year 5&6 (Coding Breakdown)

Coding lessons from both year 5 and 6 have been grouped in cycles of related concepts that support progression in a mixed year class.

Year 5 & 6 – Cycle A (2025-2026)						
Title	Coding Efficiently	Simulating a physical system	Friction and Functions	Introducing Strings	Text Variable and Concatenation	User Input
Year	Year 5	Year 5	Year 5	Year 5	Year 5	Year 6
Lesson Number	Lesson 1	Lesson 2	Lesson 5	Lesson 5	Lesson 6	Lesson 5



SAPPERTON COMPUTING CURRICULUM

Computing Long Term Plan Year B (2026-2027)						
Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	Mini Mash – Technology Around Us	Mini Mash - Robots	Mini Mash – Safety and Privacy	Mini Mash - Photography Mini	Mash – Drawing Skills	Mini Mash - Quizzes
Year 1 and 2	Introduction to PM (1) Route Explorers (2)	The Internet (2) Data Explorers (1)	Questioning (2)	Making Beats (1)	Creating & Following Instructions (1)	Presenting Ideas (2) Technology Around Us (1)
Lessons (36 Total)	3 & 4	4 & 6	4	4	3	4 & 4
Year 3 and 4	Animation (4)	Logo (4) Branching Databases (3)	Sound Stories (4)	Coding (3/4 – See coding breakdown table below)	Composing Beats (4)	Touch Typing (3) Introduction to AI (4)
Lessons (36 Total)	6	4 & 4	4	6	4	4 & 4
Year 5 and 6	Networks (6) Databases (5)	Blogging (6)	Concept Maps (5)	Coding (5/6 – See coding breakdown table below)	Introduction to Python (6) Spreadsheets (5)	Data Detectives (6)
Lessons (36 Total)	4 & 4	4	4	6	4 & 6	4
ALL	Online Safety – Delivered throughout the year using 2BeSafe – Being Safe in a Digital World (Reception & Even)					
Lessons	Self-Image and Identity	Online Relationships	Online Reputation Online Bullying	Managing Online Information	Health, Well-being and Lifestyle	Privacy and Security Copyright and Ownership

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Year 3&4 (Coding Breakdown)

Coding lessons from both year 3 and 4 have been grouped in cycles of related concepts that support progression in a mixed year class.

Year 3 & 4 – Cycle B (2026-2027)						
Title	Using Repeat	Repeat Until and 'if/else' Statements	Number Variables	Design and Make an Interactive scene	Design and Make an Interactive scene	Making a Playable game
Year	Year 3	Year 4	Year 4	Year 3	Year 3	Year 4
Lesson Number	Lesson 3	Lesson 4	Lesson 5	Lesson 5	Lesson 6	Lesson 6

Year 5&6 (Coding Breakdown)

Coding lessons from both year 5 and 6 have been grouped in cycles of related concepts that support progression in a mixed year class.

Year 5 & 6 – Cycle B (2026-2027)						
Title	Designing and writing a more complex program	Designing and writing a more complex program	Decomposition and Abstraction	Using Functions	Flowcharts and control simulations	Text Adventure
Year	Year 6	Year 6	Year 5	Year 6	Year 6	Year 6
Lesson Number	Lesson 1	Lesson 2	Lesson 3	Lesson 3	Lesson 4	Lesson 6