



Computing Scheme Long Term Planning

Year 1

Information Technology Computer Science Digital Literacy

Unit Title	Introduction to PM	Creative Computing	Data Explorers	Creating & Following Instructions	Animated Stories	Coding	Technology Around Us	Making Beats
Lessons	3	4	6	3	6	6	4	4
Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World								

Additional Units	Robotics with Mai-Z MouseBot
Lessons	4 (Y1/2 unit)

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Year 2

Information Technology Computer Science Digital Literacy

Unit Title	Creating Pictures	Making Music	Spreadsheets	Route Explorers	Questioning	Coding	Presenting Ideas	The Internet
Lessons	5	3	6	4	4	6	4	4
Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World								

Additional Units	Introduction to Purple Mash	Robotics with Mai-Z MouseBot
Lessons	2	4 (Y1/2 unit)

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Year 3

■ Information Technology
 ■ Computer Science
 ■ Digital Literacy

Unit Title	Touch Typing	Email	Route Planners	Spreadsheets	Coding	Presentations (Microsoft, Apple & Google)	Branching Databases
Lessons	4	6	5	6	6	5	4
Online Safety – Delivered throughout the year using 2BeSafe – Being Safe in a Digital World							

Additional Units	Introduction to Purple Mash	micro:bit	Robotics with Mai-Z MouseBot
Lessons	2	4	5 (Y3/4 unit)

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Year 4

■ Information Technology
 ■ Computer Science
 ■ Digital Literacy

Unit Title	Animation	Unpacking Hardware & Software	Sound Stories	Logo	Effective Searching	Coding	Composing Beats	Introduction to AI
Lessons	6	4	4	4	4	6	4	4
Online Safety - Delivered throughout the year using 2BeSafe - Being Safe in a Digital World								

Additional Units	Introduction to Purple Mash	micro:bit	Robotics with Mai-Z MouseBot
Lessons	2	4	5 (Y3/4 unit)

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Year 5

Information Technology Computer Science Digital Literacy

Unit Title	Quizzing	Databases	Game Creator	Spreadsheets	Coding	Word Processing (Microsoft, Apple & Google)	Concept Maps
Lessons	5	4	5	6	6	6	4
Online Safety – Delivered throughout the year using 2BeSafe – Being Safe in a Digital World							

Additional Units	Introduction to Purple Mash	Coding: External Devices	micro:bit	Robotics with Mai-Z MouseBot
Lessons	2	6	4	5 (Y5/6 unit)

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Year 6

Information Technology Computer Science Digital Literacy

Unit Title	Blogging	Networks	Graphing	Data Detectives	Coding	3D Modelling	Spreadsheets (Microsoft, Apple & Google)	Introduction to Python
Lessons	4	4	4	4	6	4	6	4
Online Safety – Delivered throughout the year using 2BeSafe – Being Safe in a Digital World								

Additional Units	Introduction to Purple Mash	Binary	micro:bit	Robotics with Mai-Z MouseBot
Lessons	2	4	4	5 (Y5/6 unit)

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