



Purple Mash Computing Scheme: Long Term Plan



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								

Year 2

Information Technology Computer Science Digital Literacy

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

Additional Units	Introduction to Purple Mash
Lessons	2

Year 3

Information Technology Computer Science Digital Literacy

Unit Title	Email *	Route Planners *	Branching Databases *	Spreadsheets	Coding	Presentations (Microsoft, Apple & Google)	Touch Typing
Lessons	6	5	4	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:bits
Lessons	2	4

Year 4

Information Technology Computer Science Digital Literacy

Unit Title	Unpacking * Hardware & Software	* Animation	* Logo	* Sound Stories	* Effective Searching	Coding	Composing Beats	Introduction to AI
Lessons	4	6	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:bits
Lessons	2	4

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:bits
Lessons	2	6	4

Year 6

Information Technology Computer Science Digital Literacy

Unit Title	Networks *	Graphing *	Blogging *	Data Detectives *	Coding	Introduction to Python	Spreadsheets (Microsoft, Apple & Google)	3D Modelling
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:bits
Lessons	2	4	4