



ST Patrick's Catholic Primary School

Computing Scheme of Work – Purple Mash

Predominant Area of Computing*		
	Computer Science	
	Information Technology	
	Digital Literacy	

*Most units will include aspects of all strands.

Unit summary for each year group:

EYFS

Rather than a scheme with set lessons, the Early Years resources are designed to integrate into the day-to-day routines of the class. As a result providing opportunities for the use of Mini Mash or Purple Mash as part of the Early Years curriculum to support children with their development and working towards the early learning goals. In addition, there are units of suggested ideas that focus on computing skills specifically and can be provided as opportunities for skill development during topic based learning to give children a sound basis to use technology and to be ready for the whole school progression of the Computing curriculum. These are as follows and are designed to be integrated and linked to the wider Early Years curriculum areas. These have been loosely classified into the three streams but there is overlap between all three streams.

Mouse and Trackpad Skills	Keyboard Skills	Drawing skills	Robots	Sounds	Photography
Technology Around Us	Hardware	Safety and Privacy	Quizzes	Using Purple Mash with an Individual Login	

Year 1

	Unit 1.1 Online Safety & Exploring Purple Mash	Unit 1.2 Grouping & Sorting	Unit 1.3 Pictograms	Unit 1.4 Lego Builders	Unit 1.5 Maze Explorers	Unit 1.6 Animated Story Books	Unit 1.7 Coding	Unit 1.8 Spreadsheets	Unit 1.9 Technology outside school
Main tool			2Count		2Go	2Create A Story	2Code	2Calculate	

Year 2

	Unit 2.1 Coding	Unit 2.2 Online Safety	Unit 2.3 Spreadsheets	Unit 2.4 Questioning	Unit 2.5 Effective Searching	Unit 2.6 Creating Pictures	Unit 2.7 Making Music	Unit 2.8 Presenting Ideas
Main tool	2Code		2Calculate	2Question 2Investigate		2Paint A Picture	2Sequence	



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Year 3

	Unit 3.1	Unit 3.2	Unit 3.3	Unit 3.4	Unit 3.5	Unit 3.6	Unit 3.7	Unit 3.8	Unit 3.9
	Coding	Online safety	Spreadsheets	Touch Typing	Email (inc. email safety)	Branching Databases	Simulations	Graphing	Presenting
Main tool	2Code		4 lessons for Crash Course 2Calculate	2Type	2Email	2Question	2Simulate	2Graph	PowerPoint or Google Slides

Year 4

	Unit 4.1	Unit 4.2	Unit 4.3	Unit 4.4	Unit 4.5	Unit 4.6	Unit 4.7	Unit 4.8	Unit 4.9
	Coding	Online Safety	Spreadsheets	Writing for Different Audiences	Logo	Animation	Effective Searching	Hardware Investigators	Making Music
Main tool	2Code		2Calculate		2Logo	2Animate			Busy Beats

Year 5

	Unit 5.1	Unit 5.2	Unit 5.3	Unit 5.4	Unit 5.5	Unit 5.6	Unit 5.7	Unit 5.8
	Coding	Online Safety	Spreadsheets	Databases	Game Creator	3D Modelling	Concept Maps	Word Processing
Main tool	2Code		2Calculate	2Investigate	2DIY 3D	2Design & Make	2Connect	MS Word or Google Docs

Year 6

	Unit 6.1	Unit 6.2	Unit 6.3	Unit 6.4	Unit 6.5	Unit 6.6	Unit 6.7	Unit 6.8	6.9
	Coding	Online Safety	Spreadsheets	Blogging	Text Adventures	Networks	Quizzing	Understanding Binary	Spreadsheets
Main tool	2Code		2Calculate	2Blog			2Quiz		Excel or Google Sheets