



## Our Lady of Grace Catholic Academy Whole School Computing Curriculum (Progressive) Overview- Year A and B

Strands of Computing		
Computer Science	Information Technology	Digital Literacy

Reception					
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	

	Autumn	Spring	Summer
Year 1 & 2 Cycle A	Unit 1.1 Online Safety & Exploring Purple Mash (4 lessons)	Unit 1.9 Technology Outside School (2 lessons)	Unit 1.4 Lego Builders (3 lessons)
	Unit 2.5 Effective Searching (3 lessons)	Unit 1.2 Grouping and Sorting (2 lessons)	Unit 1.8 Spreadsheets (3 lessons)
	Unit 1.7 Coding (6 lessons)	Unit 2.6 Creating Pictures (5 lessons)	Unit 2.1 Coding (5 lessons)
Year 1 & 2 Cycle B	Unit 1.1 Online Safety & Exploring Purple Mash (4 lessons)	Unit 2.2 Online Safety (3 lessons)	Unit 2.3 Spreadsheets (4 lessons)
	Unit 1.5 Maze Explorers (3 lessons)	Unit 1.6 Animated Story Books (5 lessons)	Unit 1.3 Pictograms (3 lessons)
	Unit 2.4 Questioning (5 lessons)	Unit 2.7 Making Music (3 lessons)	Unit 2.8 Presenting Ideas (4 lessons)
Year 3 & 4 Cycle A	Unit 3.1 Coding (6 lessons)	Unit 4.1 Coding (6 lessons)	Unit 3.6 Branching Databases (4 lessons)
	Unit 3.2 Online Safety (3 lessons)	Unit 3.5 Email (including email safety) (6 lessons)	Unit 3.7 Simulations (3 lessons)



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	Unit 3.3 Spreadsheets (3 lessons)		Unit 3.8 Graphing (2 lessons)
Year 3 & 4 Cycle B	Unit 3.4 Touch Typing (4 lessons)	Unit 4.4 Writing for Different Audiences (5 lessons)	Unit 4.6 Animation (3 lessons)
	Unit 4.2 Online Safety (4 lessons)	Unit 4.5 Logo (4 lessons)	Unit 4.7 Effective Search (3 lessons)
	Unit 4.3 Spreadsheets (6 lessons)		Unit 4.8 Hardware Investigators (2 lessons)
Year 5 & 6 Cycle A	Unit 5.1 Coding (6 lessons)	Unit 5.5 Game Creator (5 lessons)	Unit 5.3 Spreadsheets (6 lessons)
	Unit 5.2 Online Safety (3 lessons)	Unit 5.6 3D Modelling (4 lessons)	Unit 5.7 Concept Maps (4 lessons)
	Unit 5.4 Databases (4 lessons)		***Unit 6.8 Understanding Binary (4 lessons)
Year 5 & 6 Cycle B	Unit 6.5 Text Adventures (5 lessons)	Unit 6.4 Blogging (4 lessons)	Unit 5.8 Word Processing (8 lessons)
	Unit 6.2 Online Safety (2 lessons)	Unit 6.1 Coding (6 lessons)	Unit 6.9 Spreadsheets with Microsoft Excel (8 lessons)
	Unit 3.9 Presenting with Microsoft Powerpoint (6 lessons)		