



Briary Primary School

Long Term Plan for Computing



Substantive Knowledge Strands: **Computer Science**, **Digital Literacy**, **Information Technology**

All units are from Purple Mash unless otherwise stated.

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
FS	<p>Selected programs within Purple Mash and Mini Mash linked to ELG. For example:</p> <p>Communication and Language: 2Create a Story for retelling a known story or creating one based on their own ideas. Expressive Arts: 2Design a Picture to creative with materials in a digital context. Mathematics: Number recognition using Car Race Physical Development: Fine Motor Skills using Mini Mash Jigsaw and 2Pairs to develop mouse control skills.</p> <p>Term 3: Safer Internet Day Enrichment</p>					
Year 1	<p>NCCE/Teach Computing Year 1 Unit 1 Technology Around Us (6 Lessons, various programs) Click here for link (Teachers will need to create a free account to access this)</p>	<p>Unit 1.1 Online safety and exploring Purple Mash (4 lessons, Programs: various)</p> <p>Unit 1.2 Pictograms (3 Lessons, Programs: 2count)</p>	<p>Unit 1.4 Lego Builders (3 Lessons, Programs: 2DIY and unplugged)</p> <p>Unit 1.5 Maze Explorers (3 Lessons, Programs: 2Go)</p> <p>Safer Internet Day Enrichment</p>	<p>Unit 1.6 Animated Story Books (5 lessons, Programs: 2Create A Story)</p>	<p>Unit 1.7 Coding (6 lessons, Programs: 2Code) Can be continued in Term 6</p>	<p>Unit 1.9 Technology outside school (2 lessons, Programs: various)</p>



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Year 2	Unit 2.1 Coding (6 Lessons, Programs: 2Code)	Unit 2.2 Online Safety (3 lessons, Programs: Various)	Unit 2.5 Effective searching (3 lessons, Programs: various) Safer Internet Day Enrichment	Unit 2.6 Creating pictures (5 Lessons, Programs: 2PaintAPicture)	Unit 2.7 Making Music (3 lessons, Programs: 2Sequence)	Unit 2.8 Presenting Ideas (4 Lessons, Programs: Various)
Year 3	Unit 3.1 Coding (6 Lessons, Programs: 2Code)	Unit 3.2 Online safety (3 Lessons, Programs: Various) Unit 3.4 Touch Typing (4 lessons, Programs: 2Type)	Unit 3.5 Email including email safety (6 lessons, Programs: 2Email) Safer Internet Day Enrichment	Unit 3.6 Branching Databases (4 lessons, Programs: 2Question)	Unit 3.8 Graphing (3 lessons, Programs: 2Graph)	Unit 3.9 Presenting using PowerPoint (5 or 6 lessons, Programs: PowerPoint)
Year 4	Unit 4.1 Coding (6 Lessons, Programs: 2Code)	Unit 4.2 Online safety (4 Lessons, Programs: Various)	Unit 4.3 Spreadsheets Crash Course (6 Lessons, Programs: 2Calculate) Safer Internet Day Enrichment	Unit 4.5 Logo (4 Lessons, Program: Logo)	Unit 4.6 Animation (3 Lessons, Program: 2Animate)	Unit 4.7 Effective searching (3 lessons, Program: browser) Unit 4.8 Hardware Investigators (2 Lessons)



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	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 5	Unit 5.1 Coding (6 Lessons, Program: 2Code)	Unit 5.3 Spreadsheets (6 lessons, Programs: 2Calculate)	Unit 5.2 Online safety (4 lessons, Programs: various) Safer Internet Day Enrichment Unit 5.4 Databases (4 lessons, Programs: 2Question, 2Investigate)	Complete from previous term - Unit 5.4 Databases (4 lessons, Programs: 2Question, 2Investigate) Unit 5.5 Game Creator (5 lessons, Programs: 2DIY3D)	Unit 5.6 3D Modelling (4 Lessons, Programs: 2Design and Make)	Unit 5.8 Word Processing using Microsoft Word (8 Lessons, Program: Microsoft Word)
Year 6	Unit 6.1 Coding (6 Lessons, Programs: 2Code)	Unit 6.2 Online Safety (2 Lessons, Programs: various) Unit 6.4 Blogging (4 Lessons, Programs: 2Blog)	Safer Internet Day Enrichment Unit 6.5 Text Adventures (5 Lessons, Programs: 2Code, 2Connect)	Unit 6.6 Networks (3 Lessons)	Unit 6.9 Spreadsheets using Microsoft Excel (8 Lessons, Programs: Microsoft Excel)	Continue Unit 6.9