



St. Michael Catholic Primary and Nursery School
Subject Overview
Subject: Computing



Nursery					
Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Using computing and technology in cross curricular ways including: • Taking a photograph with a camera or tablet • Searching for information on the internet • Playing games on the interactive whiteboard • Exploring an old typewriter or other mechanical toys • Using a Beebot • Watching a video clip • Listening to music.					
Reception					
Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Technology around us and staying safe			Mouse tracking and keyboard skills		Explore logging in
Year 1					
Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
- Online Safety - Logging in - Sorting and Grouping	- Pictograms - Introduction to programming the Lego builder	- Use beebots to explore directions https://www.stem.org.uk/resources/elibrary/resource/36027/bee-bots-basics - Maze explorers	- Animated stories	- Off computing coding x 2 lessons - coding lessons from purple mash	
Year 2					
Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Unit 2.2 - Online safety X2	Unit 2.6 Creating pictures	Unit 2.4 Questioning	Unit 2.3 Spreadsheets	Unit 2.1 Coding - Off computing coding	



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Unit 2.5 Effective searching				Robot algorithm NCCE L1 and L4 https://teachcomputing.org/curriculum/key-stage-1/programming-a-robot-algorithms - Purple Mash coding		
Year 3						
Term 1	Term 2	Term 3		Term 4	Term 5	Term 6
Unit 3.2 - Online safety Unit 3.3 - Spreadsheets	Unit 3.6 - Branching databases Unit 3.8 - Graphing	Unit 3.9 Presenting		Unit 3.1 - coding	Unit 3.10 - Micro:bits	Unit 3.5 Email
Year 4						
Term 1	Term 2	Term 3		Term 4	Term 5	Term 6
Unit 4.2 - Online Safety Unit 4.7 -Effective searching	Unit 4.4 Writing for difference audiences	Unit 4.6 Animation		Unit 4.1 - coding	Unit 4.8 - Hardware investigation Unit 4.11 Micro:bits	Unit 4.10 Artificial intelligence



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Year 5					
Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Unit 5.2 Online Safety X2 Unit 5.4 Word processing	Unit 5.4 Word processing	Unit 5.3 spreadsheets	Unit 5.1 Coding	Unit 5.5 Game creator	Unit 5.9 Using external devices
Year 6					
Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Unit 6.2 Online Safety Unit 6.4 Blogging	Unit 6.6 Networks Unit 6.8 Binary	Unit 6.9 Spreadsheets	Unit 6.1 Coding	Unit 6.10 Micro:bits	Unit 6.7 Quizzing