



St Mary's Catholic Primary School

Living and Learning Together – Shining in our Faith

Computing Curriculum Overview

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cycle A	Nursery		Digital Literacy Drawing Skills To use drawing package to draw, edit, change colour and save work.	Digital Literacy Technology Around Us To know technology around us and be able to name some of these	Information Technology Quizzes To know what a quiz is and participate in them.	Information Technology Sounds To combine sounds and record spoken word.	Computer Science Safety and Privacy To know who to talk to keep you safe online.
	EYFS	Digital Literacy Photographs To identify features of photographs To use ICT equipment to take photographs. To use webcam Drawing Skills To use drawing package to draw, edit, change colour and save work.	Digital Literacy Drawing Skills To use drawing package to draw, edit, change colour and save work. Technology Around Us To know technology around us and be able to name some of these.	Computer Science Safety and Privacy Hardware To know who to talk to keep you safe online. To identify safety To identify the main parts of the computer	Information Technology Quizzes To know what a quiz is and participate in them.	Information Technology Sounds To combine sounds and record spoken word.	Computer Science Logging in To be able to login to their own Purple Mash account and navigate to mini mash.
	Year 1	Online Safety (4 lessons) Grouping and Sorting (2 lessons)	Pictograms (3 lessons) Lego Builders (3 lessons)	Maze Explorers (4 lessons) Animated Stories (2 lessons)	Animated Stories (4 lessons) Coding (2 lessons)	Coding (4 lessons) Technology Outside School (2 lessons)	Being Safe in the Digital World (6 lessons)
Cycle B	Nursery		Digital Literacy Drawing Skills To use drawing package to draw, edit, change colour and save work.	Digital Literacy Technology Around Us To know technology around us and be able to name some of these	Information Technology Quizzes To know what a quiz is and participate in them.	Information Technology Sounds To combine sounds and record spoken word.	Computer Science Safety and Privacy To know who to talk to keep you safe online.
	EYFS	Digital Literacy Photographs	Digital Literacy Drawing Skills	Computer Science	Information Technology Quizzes	Information Technology Sounds	Computer Science Logging in

		To identify features of photographs To use ICT equipment to take photographs. To use webcam Drawing Skills To use drawing package to draw, edit, change colour and save work.	To use drawing package to draw, edit, change colour and save work. Technology Around Us To know technology around us and be able to name some of these.	Safety and Privacy To know who to talk to keep you safe online. Hardware To identify safety To identify the main parts of the computer	To know what a quiz is and participate in them.	To combine sounds and record spoken word.	To be able to login to their own Purple Mash account and navigate to mini mash.
	Year 1	Online Safety (4 lessons) Grouping and Sorting (2 lessons)	Pictograms (3 lessons) Lego Builders (3 lessons)	Maze Explorers (4 lessons) Animated Stories (2 lessons)	Animated Stories (4 lessons) Coding (2 lessons)	Coding (4 lessons) Technology Outside School (2 lessons)	Being Safe in the Digital World (6 lessons)

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 2/3	Cycle A	Coding (6 lessons) Online Safety (1 lesson)	Online Safety (2 lessons) Spreadsheets (6 lessons)	Touch Typing (4 lessons) Email (2 lessons)	Email (4 lessons) Branching Databases (2 lessons)	Branching Databases (2 lessons) Simulations (3 lessons)	Graphing (2 lessons) Micro: bits (4 lessons)
	Cycle B	Coding (6 lessons) Online Safety (1 lesson)	Online Safety (2 lessons) Questioning (5 lessons)	Effective Searching (3 Lessons) Creating Pictures (3 Lessons)	Creating Pictures (2 Lessons) Making Music (3 lessons)	Presenting Ideas (4 lessons) Presenting PowerPoint (2 lessons)	Presenting PowerPoint (3 lessons) Being Safe in the Digital World (3 lessons)

		Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 4/5/6	Cycle A		Online safety (2 lessons) Spreadsheets (6 lessons)	Databases (4 lessons) Game Creator (2 lessons)	Game Creator (2 lessons) 3d Modelling (4 lessons)	Concept Maps (4 lessons) Word processing (2 lessons)	Word processing (6 lessons)
	Cycle B	Coding (6 Lessons) Online safety (2 lessons)	Online safety (2 lessons) Writing for different audiences	Logo (1 Lesson) Animation (3 Lessons)	Effective Searching (3 Lessons) Hardware Investigators	Making Music (3 Lessons) AI (3 Lessons)	Micro bits (4 Lessons)

			(5 Lessons) Logo (1 Lesson)	Effective Searching (1 Lesson)	(2 Lessons) Making Music (1 Lessons)		
	Cycle C	Coding (6 lessons) Online safety (2 lessons)	Blogging (4 Lessons) Text adventures (4 Lessons)	Networks (3 lessons) Quizzing (2 lessons)	Quizzing (4 lessons) Binary (2 lessons)	Binary (2 lessons) Spreadsheets (4 lessons)	External Devices (6 lessons)