



Computing Curriculum Overview at STM



	F2	F2/Y1 (Year 1s only)	Y1/2	Y2	Y3	Y3/4	Y4/5	Y5	Y6
Advent	<p><u>Ongoing provision</u></p> <ul style="list-style-type: none"> • PSED: rules, resilience, perseverance, amounts of screen time, independence • PD: Small motor skills; using tools safely, competently, confidently; • UW: exploring how things work • EAD: Using artistic effects to express ideas and feelings; experiment with colour, design, form and function. 	Using a computer	Improving Mouse Skills + 2 x Word Processing lessons Lesson 1 Lesson 2	What is a computer? + 2 x Word Processing lessons Lesson 1 Lesson 2	Networks and the Internet + 2 x Emailing lessons Lesson 1 Lesson 2	Journey inside a computer + 2 x Emailing lessons Lesson 1 Lesson 2	Collaborative learning	Search engines	Bletchley Park
Lent		Digital Imagery	Introduction to Data	International Space Station	Video trailers	Investigating weather	Computational thinking	Stop motion	Big Data 1
Focus Day		Safer Internet/ Online Safety focus day Year 1	Safer Internet/ Online Safety focus day Year 1	Safer Internet/ Online Safety focus Day Year 2	Safer Internet/ Online Safety focus Day Year 3 + Tech Timetable lesson	Safer Internet/ Online Safety focus Day Year 3 + Tech Timetable lesson	Safer Internet/ Online Safety focus Day Year 4	Safer Internet/ Online Safety focus Day Year 5	Safer Internet/ Online Safety focus Day Year 6
Pentecost		Algorithms Unplugged	Algorithms and debugging	Scratch Jr.	Scratch	Website design	Mars Rover 1	Programming Music using Scratch	History of computers

Area:	Computing systems and networks	Programming	Creating media	Data handling	Online safety
What this looks like:	Identifying hardware and using software, while exploring how computers communicate and connect to one another.	Understanding that a computer operates on algorithms, and learning how to write, adapt and debug code to instruct a computer to perform set tasks.	Learning how to use various devices — record, capture and edit content such as videos, music, pictures, and photographs.	Ensuring that information is collected, recorded, stored, presented, and analysed in a manner that is useful and can help to solve problems.	Understanding the benefits and risks of being online — how to remain safe, keep personal information secure and recognising when to seek help in difficult situations.