



# St. George's Catholic Primary School

To learn with kindness, respect and friendship through God's love



## Computing Curriculum Overview

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>EYFS</b>		<b>IT-</b> Computer systems and networks 1: Using a computer	<b>Computer Science-</b> Programming 1: All about instructions	<b>IT-</b> Computer systems and networks 2: Exploring hardware	<b>Computer Science-</b> Programming 2: Programming Bee-Bots	<b>IT-</b> Data Handling: Introduction to data
<b>Year 1</b>	<b>Digital literacy-</b> Online safety:	<b>IT-</b> Computing systems and networks: Improving mouse skills.	<b>Computer Science-</b> Programming 1: Algorithms unplugged	<b>Digital literacy-</b> Skills showcase: Rocket to the moon	<b>Computer Science-</b> Programming 2: Bee-Bots	<b>IT-</b> Data handling: Introduction to data
<b>Year 2</b>	<b>Digital literacy-</b> Online safety: Year 2	<b>IT-</b> Computing systems and networks 1: What is a computer?	<b>Computer Science-</b> Programming 1: Algorithms and debugging	<b>Digital literacy-</b> Computing systems and networks 2: Word processing	<b>Computer Science-</b> Programming 2: Scratch Jr	<b>Computer Science-</b> Data handling: International Space Station
<b>Year 3</b>	<b>Digital literacy-</b> Online safety: Year 3	<b>IT-</b> Computing systems and networks 1: Networks and the internet	<b>Computer Science-</b> Programming: Scratch	<b>Digital literacy-</b> Computing systems and networks 2: Emailing	<b>IT-</b> Computing systems and networks 3: Journey inside a computer	<b>Digital literacy-</b> Data handling: Comparison cards databases
<b>Year 4</b>	<b>Digital literacy-</b> Online safety: Year 4	<b>Digital literacy-</b> Computing systems and networks: Collaborative learning	<b>Computer Science-</b> Programming 1: Further coding with Scratch	<b>Digital literacy-</b> Creating media: Website design	<b>Digital literacy-</b> Skills showcase: HTML	<b>Computer Science- Programming 2:</b> Computational thinking
<b>Year 5</b>	<b>Digital literacy-</b> Online safety: Year 5	<b>Digital literacy-</b> Computing systems and networks: Search engines	<b>Computer Science-</b> Programming: Music	<b>Digital literacy-</b> Data handling: Mars Rover 1	<b>Computer Science-</b> Programming: Micro: bit	<b>Digital literacy-</b> Skills showcase: Mars Rover 2
<b>Year 6</b>	<b>Digital literacy-</b> Online safety: Year 6	<b>Digital literacy-</b> Computing systems and networks: Bletchley Park	<b>Computer Science-</b> Programming: Intro to Python	<b>Digital literacy-</b> Data handling 1: Big Data 1	<b>IT-</b> Creating media: History of computers	<b>Computer Science-</b> Skills showcase: Inventing a product