

Curriculum Overview: Computing

Holding God's hand,
we grow in faith together,
we dream, believe, achieve.
Following the footsteps of Jesus,
we act with love,
we care for one another
and our world.

NURSERY and RECEPTION

We use the children's interests as our topics, rooted in familiarity, around the following themes: Me and My Family, Immediate Environment and Everything In It, Community and The Wider World, and Fantasy and Make Believe to teach the seven areas of learning.

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YEAR 1		
AUTUMN	SPRING	SUMMER
Computing Systems and Networks- Improving Mouse Skills	Skills Showcase- Rocket to the Moon	Data Handling- Introduction to Data
Programming 1- Algorithms Unplugged	Programming 2- Programming Bee-Bots	Online Safety
	Creating Media - Digital Imagery	
YEAR 2		
AUTUMN	SPRING	SUMMER
Computing Systems and Networks- What is a Computer?	Computing Systems and Networks- Word Processing	Creating Media- Stop Motion
Programming- Algorithms and	Programming- Programming Scratch Jr	Data Handling- International Space Station
Debugging		Online Safety
YEAR 3		
AUTUMN	SPRING	SUMMER
Computing Systems and Networks-	Computing Systems and Networks-	Creating Media- Video Trailers
Networks	Emailing	Data Handling- Comparison Cards
Programming- Programming Scratch	Computing Systems and Networks-	Databases
	Journey Inside a Computer	Online Safety
YEAR 4		
AUTUMN	SPRING	SUMMER
Computing Systems and Networks-	Creating Media- Website Design	Programming- Computational Thinking
Collaborative Learning	Skills Showcase- HTML	Data Handling- Investigating Weather
Programming- Further Coding and Scratch	Skiils Showedse Title	Online Safety
YEAR 5		
AUTUMN	SPRING	SUMMER
Computing Systems and Networks- Search Engines	Data Handling- Mars Rover 1	Creating Media - Stop Motion Animation
Programming- Programming Music	Programming- Microbit	Skills Showcase: Mars Rover 2
	YEAR 6	Online Safety
AUTUMN SPRING SUMMER		
Computing Systems and Networks-	Data Handling- Big Data 1	Data Handling- Big Data 2
Bletchley Park	Data Hallaning Dig Data 1	
		Skills Showcase- Inventing a Product
Computing Systems and Networks- AI	Programming- Intro to Python	Online Safety