



Love Determination Responsibility Respect Kindness Friendship Honesty

# St Michael's C of E Primary School

## Computing

### Long Term Plan 2021/22

Digital literacy and Online Safety

Computational Thinking  
(Computer Science)

Computers and Hardware  
(Information Technology)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Reception</b>	Throughout their time in the Reception class, the children are exposed to a range of learning linked to the Computing curriculum including using hardware, simple algorithms, computing safety and the uses of technology in their lives.					
<b>YEAR 1</b>	Getting Started	Programming BeeBots	Algorithms Unplugged	Digital Imagery	Introduction to Data	Rocket to the Moon
<b>YEAR 2</b>	What is a Computer?	Word Processing - Keyboard	Programming – Scratch Jnr	Algorithms and Debugging	Data and Data Representation	Stop Motion
<b>YEAR 3</b>	Emailing	Scratch	Journey inside a Computer	Networks	Digital Literacy	Top Trump Data
<b>YEAR 4</b>	Website Design	Investigating Weather	How the internet works	HTML	Collaborative Learning	Computational Thinking
<b>YEAR 5</b>	Online Dangers	Micro:bit	Sonic Pi	Mars Rover Binary Code	Mars Rover 2 3D Design	Search Engines
<b>YEAR 6</b>	Intro to Python	Big Data 1	Big Data 2	Bletchley Park 1	Bletchley Park 2	Skills showcase