

# St Mary's Computing Curriculum Map



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>EYFS</b>	Set up continuous provision in your classroom: Computing through continuous provision	<b>Computing systems and networks</b>  Using a computer	<b>Programming 1</b>  All about instructions	<b>Computing systems and networks</b>  Exploring hardware	<b>Programming 2</b>  Programming Bee-Bots	<b>Data handling</b>  Introduction to data
<b>Year 1</b>	<b>Online safety</b> Online safety Y1  <b>Computing systems and networks</b> Improving mouse skills	<b>Programming 1</b>  Algorithms unplugged	<b>Skills showcase</b>  Rocket to the moon	<b>Programming 2</b>  Programming Bee-bots Option 1: Bee-Bots Option 2: Virtual Bee-bots	<b>Creating media</b>  Digital imagery Option 1: Google Option 2: Microsoft Office 365	<b>Data handling</b>  Introduction to data
<b>Year 2</b>	<b>Online safety</b> Online safety Y2  <b>Computing systems and networks 1</b> What is a computer?	<b>Programming 1</b>  Algorithms and debugging	<b>Computing systems and networks 2</b>  Word processing	<b>Programming 2</b>  Programming: ScratchJr	<b>Creating media</b>  Stop Motion Option 1: Using tablet devices Option 2: Using	<b>Data handling</b>  International Space Station
<b>Year 3</b>	<b>Online safety</b> Online safety Y3  <b>Computing systems and networks 1</b> Networks	<b>Programming</b>  Programming: Scratch	<b>Computing systems and networks 2</b>  Emailing Option 1: Google Option 2: Microsoft Office 365	<b>Computing systems and networks 3</b>  Journey inside a computer	<b>Creating media</b>  Video trailers Option 1: Using devices other than iPads , Option 2: Using iPads	<b>Data handling</b>  Comparison cards databases Option 1: Google Option 2: Microsoft Office 365
<b>Year 4</b>	<b>Online safety</b> Online safety Y4  <b>Computing systems and networks</b> Collaborative Learning  Option 1: Google Option 2: Microsoft Office 365	<b>Programming 1</b>  Further coding with Scratch Option 1: Google Option 2: Microsoft Office 365	<b>Creating media</b>  Website design Option 1: Google Option 2: Microsoft Office 365	<b>Skills showcase</b>  HTML	<b>Programming 2</b>  Computational thinking	<b>Data handling</b>  Investigating weather

<b>Year 5</b>	<b>Online safety</b> <a href="#">Online safety Y5</a>  <b>Computing systems and networks</b> <a href="#">Search engines</a>	<b>Programming 1</b>  Programming music <a href="#">Option 1: Sonic Pi</a> , <a href="#">Option 2: Scratch</a>	<b>Data handling</b>  <a href="#">Mars Rover 1</a>	<b>Programming 2</b>  <a href="#">Micro:bit</a>	<b>Creating media</b>  Stop motion animation <a href="#">Option 1: Stop motion studio</a> <a href="#">Option 2: Using cameras</a>	<b>Skills showcase</b>  <a href="#">Mars Rover 2</a>
<b>Year 6</b>	<b>Online safety</b> <a href="#">Online safety Y6</a>  <b>Computing systems and networks</b> <a href="#">Bletchley Park</a>	<b>Programming</b>  <a href="#">Intro to Python</a>	<b>Data handling</b>  <a href="#">Big data 1</a>	<b>Creating media</b>  <a href="#">History of Computers</a>	<b>Data handling</b>  <a href="#">Big data 2</a>	<b>Skills showcase</b>  <a href="#">Inventing a product</a>