



## St Peter's Computing Curriculum Overview

Year 3		
PUPIL NAME		
Strand	Learning Objectives	DATE OBJECTIVE MET
• <b>Computer Science</b>		
HARDWARE	<ul style="list-style-type: none"> <li>Know what the different components of a computer are and how they work together</li> </ul>	
	<ul style="list-style-type: none"> <li>Draw comparisons between different types of computers</li> </ul>	
	<ul style="list-style-type: none"> <li>Know what a server is and does</li> </ul>	
NETWORK & DATA	<ul style="list-style-type: none"> <li>Know what a network is and its purpose</li> </ul>	
	<ul style="list-style-type: none"> <li>Know the difference between wired and wireless networks</li> </ul>	
	<ul style="list-style-type: none"> <li>Recognise links between networks and the internet</li> </ul>	
CODING	<ul style="list-style-type: none"> <li>Know how data can be transferred</li> </ul>	
	<ul style="list-style-type: none"> <li>Use repetition in programs</li> </ul>	
	<ul style="list-style-type: none"> <li>Know that computers follow instructions</li> </ul>	
	<ul style="list-style-type: none"> <li>Explain the purpose of an algorithm</li> </ul>	
	<ul style="list-style-type: none"> <li>Form algorithms independently</li> </ul>	
	<ul style="list-style-type: none"> <li>Use loops to make code more efficient</li> </ul>	
	<ul style="list-style-type: none"> <li>Use a more systematic approach to debugging code, justifying what is wrong and how it can be corrected</li> </ul>	
	<ul style="list-style-type: none"> <li>Additional enrichment content, above and beyond the National Curriculum PoS.</li> </ul> <p><b>DETAILS:</b></p>	

<b>Digital Literacy</b>		
INTERNET SAFETY & DIGITAL RESPONSIBILITY	<ul style="list-style-type: none"> <li>• Learn to be responsible digital citizens, understanding our responsibility to treat others respectfully</li> </ul>	
	<ul style="list-style-type: none"> <li>• Recognise acceptable/unacceptable behaviour;</li> </ul>	
	<ul style="list-style-type: none"> <li>• Identify a range of ways to report concerns about content and contact.</li> </ul>	
	<ul style="list-style-type: none"> <li>• Know that not all emails are genuine; we are learning to recognise when an email might be fake and what to do about it.</li> </ul>	
	<ul style="list-style-type: none"> <li>• Know about cyber bullying</li> </ul>	
<b>Information technology</b>		
	Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.	