

# St Patrick's Catholic Voluntary Academy

## Computing Long Term Plan 2022-2023: Reception to Year 6



	<b>Advent 15 weeks</b> (26 <sup>th</sup> Aug - 16 <sup>th</sup> Dec)		<b>Lenten 12 weeks</b> (4 <sup>th</sup> Jan - 31 <sup>st</sup> March)		<b>Pentecost 12 weeks</b> (17 <sup>th</sup> April - 13 <sup>th</sup> July)	
<b>Nursery</b>						
<b>Reception</b>	<p>KEY SKILL PROGRESSION</p> <p>Match their developing physical skills to tasks and activities in the setting.</p> <p>Explore how things work.</p> <p>To be able to understand what a computer keyboard is and recognise some letters and numbers.</p> <p>To know that different types of technology can be found at home and in school.</p>		<p>KEY SKILL PROGRESSION</p> <p>To know that you can take simple photographs with a camera or iPad.</p> <p>Know and talk about the different factors that support their overall health and wellbeing: -sensible amounts of 'screen time'.</p>		<p>KEY SKILL PROGRESSION</p> <p>Be confident to try new activities and show independence, resilience and perseverance in the face of challenge To know that you must hold the camera still and ensure the subject is in the shot to take a photo.</p> <p>To know that a pictogram is a way of showing information.</p>	
<b>Year 1</b>	<u>Computing 6wks</u> <i>Keeping safe online</i> Computer skills	<u>Computing 8wks</u> Word Processing	<u>Computing 6wks</u> <i>Owning creative work</i> Painting	<u>Computing 6wks</u> Programming Toys	<u>Computing 6wks</u> <i>SMART online</i> Programming Scratch Junior	<u>Computing 6wks</u> Using and applying skills learnt
<b>Year 2</b>	6wks <i>Digital Footprints</i> Using the internet	8wks <i>E safety Keywords</i> Computer Art	6wks <i>Safe sites</i> Preparing to use Turtle Logo	6wks <i>Rate and review</i> Turtle Logo programming Scratch programming	6wks <i>Being kind online</i> Presentation skills	6wks Using and applying skills learnt
<b>Year 3</b>	<u>Computing 6wks</u> <i>Cyberbullying</i> Programming Turtle Logo and Scratch	<u>Computing 8wks</u> <i>Passwords/privacy settings</i> Word Processing skills	<u>Computing 6wks</u> <i>Websites and adverts</i> Drawing and Desktop Publishing	<u>Computing 6wks</u> <i>Safe e-mails</i> Internet_Research	<u>Computing 6wks</u> <i>Communicating online</i> Presentation Skills	<u>Computing 6wks</u> Using and applying skills learnt
<b>Year 4</b>	<u>Computing 6wks</u> <i>Cyberbullying</i> Word Processing	<u>Computing 8wks</u> <i>Using search engines safely</i> Scratch Programming Questions and quizzes	<u>Computing 6wks</u> <i>Plagiarism</i> Turtle Logo Programming	<u>Computing 6wks</u> <i>How to be a good digital citizen</i> Animation	<u>Computing 6wks</u> <i>Create an online safety superhero</i> Communication and collaboration	<u>Computing 6wks</u> Using and applying skills learnt

<b>Year 5</b>	<u>Computing 6wks</u> Spam e-mails Scratch developing games	<u>Computing 8wks</u> Powerful passwords Strategic searching online	<u>Computing 6wks</u> Citations for websites Controlling devices	<u>Computing 6wks</u> False photography Radio Station	<u>Computing 6wks</u> Real online scenarios 3D modelling	<u>Computing 6wks</u> Using and applying skills learnt
<b>Year 6</b>	<u>Computing 6wks</u> Cyberbullying Scratch animated stories	<u>Computing 8wks</u> Identifying secure websites Spreadsheets	<u>Computing 6wks</u> Online relationships Kodu Programming	<u>Computing 6wks</u> Media shaping ideas Know your network	<u>Computing 6wks</u> Applying online safety knowledge Film making	<u>Computing 6wks</u> Film making