

COMPUTING CURRICULUM 2019-2020

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery				<p>Understanding the World - Tech</p> <ul style="list-style-type: none"> •Seeks to acquire basic skills in turning on and operating some ICT equipment. •Operates mechanical toys, e.g. turns the knob on a wind-up toy or pulls back on a friction car <p>VR Goggles/ Beebots/ Green Screen / Ipads linked to ITMP</p>		
Reception				<p>Understanding the World- Tech</p> <p>Early Learning Goal Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.</p> <p>VR Goggles/ Beebots/ Green Screen / Ipads linked to ITMP</p>		

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Year 1			<p>Programming, Coding, Gaming Robotics</p> <p>Giving instructions to Floor turtles and on screen sprites.</p> <p>Creating algorithms.</p> <p>Beebot, Kodable, Daisy Dino</p> <p>Communicating & The Web</p> <p>E-safety</p> <p>E-safety issues</p> <p>Creating their own Avatar and profile</p> <p>Avatar creator, Pic Collage</p>			
Year 2			<p>Communicating & The Web</p> <p>E-safety</p> <p>Effective searches to create talking poster</p> <p>E-safety and digital ownership</p> <p>Photospeak, Art</p>			

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			<p>packages</p> <p>Programming, Coding, Gaming Robotics</p> <p>Giving instructions by creating algorithms.</p> <p>Creating animations</p> <p>Hopscotch, Lightbot</p>			
Year 3	<p>Problem Solving & The Real World</p> <p>MGL - Design a model onscreen</p> <p>Lego design software</p> <p>Minecraft?</p> <p>Communicating & The Web</p> <p>E-safety</p> <p>E-safety – chat rooms and personal info</p> <p>Publishing documents safely</p> <p>Publisher, Powerpoint</p>					

Year 3/4	<p>Problem Solving & The Real World MGL- Design a model onscreen Lego design software Minecraft?</p> <p>Communicating & The Web E-safety E-safety – chat rooms and personal info Publishing documents safely Publisher, Powerpoint</p>					
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Year 4	<p>Collecting, Exploring and Recording Data</p> <p>Databases</p> <p>Purple Mash databases</p> <p>Spreadsheet and graphs</p> <p>Presenting findings</p> <p>Excel</p> <p>Communicating & The Web E-safety</p> <p>Experience of publishing their own work on a safe site</p> <p>Understanding plagerism</p> <p>Communicating with appropriate behaviour and content online.</p> <p>Publishing Content.</p>					
Year 5		<p>Programming, Coding, Gaming and Robotics</p>			<p>Collecting, Exploring and Recording Data</p> <p>Spreadsheet and</p>	

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		3D Moon world in Kodu Link – Earth & Space Kodu Communicating & The Web E-safety Communicating with appropriate behaviour and content online. Publishing Content. Produce, Edit & Publish Media Producing a documentary style film Imovie, Google Earth			graphs Presenting findings Excel Problem Solving & The Real World Cad Design using Sketch Up Create & Share Digital Artefacts Create Digital Pop Art Picassa, Online photoediting	
Year 6						Produce, Edit & Publish Media Media Create a website using Komposer. HTML Create & Share Digital Artefacts

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						<p>Podcasting</p> <p>AUDACITY</p> <p>Programming, Coding, Gaming and Robotics</p> <p>Creating algorithms in Scratch to make a game</p>
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