

Computing Long Term Plan 25/26

Year Group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Pre School	<p>Keeping safe</p> <p>CD player/iPad songs</p> <p>Exploration - toys and objects with different mechanisms (cause and effect)</p> <p>Showing attention to sounds and music</p> <p>Listen and respond to simple instructions</p> <p>Stacking blocks and cups</p> <p>Repeat actions that have an effect</p>	<p>Keeping safe</p> <p>CD player/iPad songs</p> <p>Exploration - toys and objects with different mechanisms (cause and effect)</p> <p>Taking turns</p> <p>Listen and respond to simple instructions</p> <p>Copying</p> <p>Make repetitive sounds</p>	<p>Keeping safe</p> <p>CD player/iPad songs</p> <p>Exploration - toys and objects with different mechanisms (cause and effect)</p> <p>Compare amounts</p> <p>Basic sequencing</p> <p>Listen and respond to simple instructions</p>	<p>Keeping safe</p> <p>CD player/iPad songs</p> <p>Exploration - toys and objects with different mechanisms (cause and effect)</p> <p>Listen and respond to simple instructions</p> <p>Puzzles</p>	<p>Keeping safe</p> <p>CD player/iPad songs</p> <p>Exploration - toys and objects with different mechanisms (cause and effect)</p> <p>Listen and respond to simple instructions</p> <p>Counting</p>	<p>Keeping safe</p> <p>E- CD player/iPad songs</p> <p>Exploration - toys and objects with different mechanisms (cause and effect)</p> <p>Compare sizes</p> <p>Develop manipulation and control</p> <p>Listen and respond to simple instructions</p> <p>Patterns</p>
FS 1	<p>E-Safety</p> <p>IWB- Games and songs</p> <p>Loose parts play: make comparisons (lengths, height, size)</p>	<p>E-Safety</p> <p>IWB- Games and songs</p> <p>Follow short instructions (linked to algorithms and Beebots)</p>	<p>E-Safety</p> <p>IWB- Games and songs</p> <p>Looking at Seesaw to record own learning</p>	<p>E-Safety</p> <p>IWB- Games and songs</p> <p>2Simple - Class board</p> <p>Follow instructions as part of a simple activity</p>	<p>E-Safety</p> <p>IWB- Games and songs</p> <p>Loose parts play: begin to sort and categorise objects</p>	<p>E-Safety</p> <p>IWB- Games and songs</p> <p>Loose parts play: continue to sort and categorise objects and say how they have been sorted.</p>

	Follow short instructions (linked to algorithms and Beebots)		Loose parts play: make comparisons (lengths, height, size) Give a partner instructions (linked to algorithms and Beebots)	(handwashing, brushing teeth) Identify what to do when something goes wrong (debugging)	Follow instructions as part of a simple activity (handwashing, brushing teeth) Identify what to do when something goes wrong (debugging)	First Lego
FS 2	E-Safety IWB- 2Simple Beebots - (introduction) directional arrows	E-Safety including: PicCollage Beebots -giving instructions	E-Safety Using Seesaw to record own learning Beebots -giving instructions (precise algorithms)	E-Safety Logging on to computers 2Simple Beebots - precise algorithms. Debug with an adult.	E-Safety Word Processing Beebots - Simple commands - Continue to learn to debug instructions, with the help of an adult.	E-Safety First Lego
Year 1 Completing TC Year 1	E-Safety Computing systems and networks	E-Safety Creating Media - Digital painting	E-Safety Programming A - moving a robot	E-Safety Data and information - grouping data	E-Safety Creating Media - Digital writing	E-Safety including Programming B - Programming animations
Year 2 Completing TC Year 2	E-Safety	E-Safety Creating Media - Digital photography	E-Safety	E-Safety Data and information - Pictograms	E-Safety Creating Media - Digital music	E-Safety including:

	Computing systems and networks - IT around us		Programming A - Robot Algorithms			Programming B - Programming quizzes
Year 3 Completing TC Year 3	E-Safety Computing systems and networks - Connecting computers	E-Safety Creating Media - Stop frame animation	E-Safety Programming A - Sequencing sounds	E-Safety Data and information - Branching databases	E-Safety Creating Media - Desktop publishing	E-Safety Programming B - Events and actions in programming
Year 4/5 Completing TC Year 6	E-Safety - Year 6 Computing systems and networks - Communication and collaboration	E-Safety - Year 6 Creating Media - Web page creation	E-Safety - Year 6 Programming A - Variable in games	E-Safety - Year 6 Data and information - Intro to spreadsheets	E-Safety - Year 6 Programming B - Sensing Movement	E-Safety - Year 6 Creating Media - 3D Modelling
Year 5/6 Completing TC Year 6 Year 6	E-Safety - Year 6 Computing systems and networks - Communication and collaboration	E-Safety - Year 6 Creating Media - Web page creation	E-Safety - Year 6 Programming A - Variable in games	E-Safety - Year 6 Data and information - Intro to spreadsheets	E-Safety - Year 6 Programming B - Sensing Movement	E-Safety - Year 6 Creating Media - 3D Modelling

