



# COMPUTING

## Long Term Plan



	Early Years	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Autumn 1</b>	<p>Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for a particular purpose.</p>	<b>Information Technology</b> Technology around us	<b>Information Technology</b> Technology around us	<b>Information Technology</b> 3D design (Solidworks)	<b>Information Technology</b> The Internet	<b>Information Technology</b> 3D Modelling (Tinkercad)	<b>Information Technology</b> Communication and Collaboration
<b>Autumn 2</b>		<b>Computer Science</b> Programming A Programming a robot (bee-bots)	<b>Information Technology</b> Pictograms J2eData	<b>Information Technology</b> Stop-Frame Animation (iMotion)	<b>Information Technology</b> Photo-Editing (pixlr)	<b>Computer Science</b> Programming A Selection (Crumbles)	<b>Information Technology</b> 3D Modelling (Tinkercad)
<b>Spring 1</b>		<b>Information Technology</b> Digital Painting (Paintz app)	<b>Computer Science</b> Programming A Robot Algorithms (Beebots)	<b>Information Technology</b> Desktop Publishing (Canva)	<b>Computer Science</b> Programming Repetition (LegoWedo)	<b>Information Technology</b> Systems and Searching	<b>Computer Science</b> Programming Sensors (Crumbles)
<b>Spring 2</b>		<b>Information Technology</b> Digital Writing (Google doc)	<b>Information Technology</b> Digital Music (Chrome music lab)	<b>Computer Science</b> Algorithms and Debugging (LegoWedo)	<b>Information Technology</b> 3D Design (Solidworks)	<b>Information Technology</b> Vector Drawing (Vectr)	<b>Information Technology</b> Webpage creation (google sites)
<b>Summer 1</b>		<b>Information Technology</b> 3D Design (Solidworks)	<b>Computer Science</b> Programming B Programming quizzes (Scratch Jr)	<b>Information Technology</b> Branching Databases (j2data)	<b>Computer Science</b> Repetition in games (Scratch)	<b>Information Technology</b> Video editing	<b>Computer Science</b> Programming A Variables in Games (Scratch)
<b>Summer 2</b>		<b>Computer Science</b> Programming B Animations (Scratch Junior)	<b>Information Technology</b> Digital Photography (pixlr.com/pixlr app)	<b>Computer Science</b> Inputs and Outputs (LegoWedo)	<b>Information Technology</b> Audio editing (Wave pad)	<b>Computer Science</b> Programming B Selection in quizzes (Scratch)	<b>Information Technology</b> Spreadsheets (Google sheets)