

Design & Technology High Level Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
R	<p>Use one-handed tools and equipment.</p> <p>Understand that equipment and tools have to be used safely.</p> <p>Shows an interest in technological toys with knobs or pulleys, or real objects such as cameras or mobile phones.</p> <p>Show skill in making toys work by pressing parts or lifting flaps to achieve effects, such as sound, movements or new images.</p>	<p>Create simple representations of events, people and objects.</p> <p>Understand that equipment and tools have to be used safely</p> <p>Handles tools, objects, construction and malleable materials safely and with increasing control</p>	<p>Explores and learns how sounds can be changed</p> <p>Explores the different sounds of instruments</p> <p>Looks closely at similarities, differences, patterns and change</p>	<p>Handle equipment and tools effectively.</p> <p>Use a variety of materials and techniques.</p> <p>Selects appropriate resources and adapts work where necessary.</p>	<p>Handle equipment and tools effectively.</p> <p>Experiment with designs.</p> <p>Understands that different media can be combined to create new effects</p>	<p>They handle equipment and tools effectively, including pencils for writing.</p> <p>They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</p>
Y1	Structures - Freestanding structures		Mechanisms - Sliders and Levers		Food technology – Preparing fruit and vegetables	
Y2	Textiles - Templates and joining techniques		Mechanisms – Wheels and Axles		Food technology – Preparing fruit and vegetables	

Y3	Structures – Shell structures	Textiles – 2-D to 3-D product	Food technology – Healthy and varied diet
Y4	Electrical systems – Simple circuits and switches	Mechanical systems – Levers and linkages	Food technology – Healthy and varied diet
Y5	Electrical systems – More complex switches and circuits	Structures – Frame structures	Food technology - Celebrating culture and seasonality
Y6	Textiles – Combining different fabrics	Mechanical systems – Pulleys or gears	Food technology - Celebrating culture and seasonality