



DT CURRICULUM MAP



	AUTUMN	SPRING	SUMMER
NURSERY	<p>Malleable Materials Create a decoration Use tools to create a shape and communicate how they used their tool</p>	<p>Food Technology Taste food from different cultures, select an item for their product and communicate what they like about different foods</p>	<p>Textiles Explore the textures of materials Weave on a large scale</p>
RECEPTION	<p>Malleable Materials Select a malleable material to make a product and talk about what they liked about their product.</p>	<p>Food Technology Describe different textures and tastes and select an item and make a product</p>	<p>Textiles Weave with recycled materials and talk about what they liked and disliked about their product and why</p>
YEAR 1	<p>Mechanisms Create moving models using levers and sliders</p>	<p>Structures Create a free standing structure to meet a brief</p>	<p>Food Technology Use a knife to prepare fruit and veg</p>
YEAR 2	<p>Mechanisms Select and use a range of tools and equipment to perform practical tasks</p>	<p>Textiles Select and use a range of materials to create a product using the running stitch</p>	<p>Food Technology Select and use wide range of ingredients and explain flavours/ health benefits</p>
YEAR 3	<p>Textiles Use two different types of stitching to create functional product</p>	<p>Structures CAD to create a design based on criteria Use a range of construction materials to form standing structure</p>	<p>Food Technology CAD to create food packaging Prepare and cook a product from own design (fruit crumble/ veg tart)</p>
YEAR 4	<p>Mechanisms Select and use a range of materials/ tools to perform practical tasks accurately Understand the use of mechanical systems in product</p>	<p>Electricity CAD to design product Select and use a range of materials/ tools to perform practical tasks accurately</p>	<p>Food Technology CAD to create food packaging Prepare and cook from own design (choc bars/ biscuits/ flapjacks)</p>
YEAR 5	<p>Textiles CAD to design project and consider main shapes required Use variety of stitches to join two pieces of fabric and add embellishments using a needle and thread</p>	<p>Structures Design structure considering tension and compression Measure and cut materials accurately and safely</p>	<p>Food Technology Compare two adapted recipes and identify/ understand healthier option CAD to create appealing packaging Write and follow step by step plan to make healthy meal</p>
YEAR 6	<p>Mechanisms CAD to create mechanical product Measure, mark and check the pieces required to make product accurately Include working mechanism and explain how it works</p>	<p>Electricity CAD to create electrical product Create working circuit and explore adding different components Explain function of electromagnetic motors</p>	<p>Food Technology CAD to create labelling and packaging Undertake market research survey to support design Design based on survey data Prepare a meal following recipe</p>