

# Design Technology Curriculum Map

	Autumn Term	Spring Term	Summer Term
<b>Nursery</b>	<b>Malleable Materials</b> Create a decoration Use tools to create a shape and communicate how they used their tool	<b>Food Technology</b> Taste food from different cultures, select an item for their product and communicate what they like about different foods	<b>Textiles</b> Explore the textures of materials Weave on a large scale
<b>Reception</b>	<b>Malleable Materials</b> Select a malleable material to make a product and talk about what they liked about their product.	<b>Food Technology</b> Describe different textures and tastes and select an item and make a product	<b>Textiles</b> Weave with recycled materials and talk about what they liked and disliked about their product and why
<b>Year 1</b>	<b>Mechanisms</b> Create moving models using levers and sliders	<b>Structures</b> Create a free standing structure to meet a brief	<b>Food Technology</b> Use a knife to prepare fruit and veg
<b>Year 2</b>	<b>Mechanisms</b> Select and use a range of tools and equipment to perform practical tasks	<b>Textiles</b> Select and use a range of materials to create a product using the running stitch	<b>Food Technology</b> Select and use wide range of ingredients and explain flavours/ health benefits
<b>Year 3</b>	<b>Textiles</b> Use two different types of stitching to create functional product	<b>Structures</b> CAD to create a design based on criteria Use a range of construction materials to form standing structure	<b>Food Technology</b> CAD to create food packaging Prepare and cook a product from own design (fruit crumble/ veg tart)
<b>Year 4</b>	<b>Mechanisms</b> Select and use a range of materials/ tools to perform practical tasks accurately Understand the use of mechanical systems in product	<b>Electricity</b> CAD to design product Select and use a range of materials/ tools to perform practical tasks accurately	<b>Food Technology</b> CAD to create food packaging Prepare and cook from own design (choc bars/ biscuits/ flapjacks)
<b>Year 5</b>	<b>Textiles</b> 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	<b>Structures</b> Design structure considering tension and compression Measure and cut materials accurately and safely	<b>Food Technology</b> 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
<b>Year 6</b>	<b>Mechanisms</b> CAD to create mechanical product Measure, mark and check the pieces required to make product accurately Include working mechanism and explain how it works	<b>Electricity</b> CAD to create electrical product Create working circuit and explore adding different components Explain function of electromagnetic motors	<b>Food Technology</b> CAD to create labelling and packaging Undertake market research survey to support design Design based on survey data Prepare a meal following recipe