

DT Curriculum Map 2024/2025

	Food Technology	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
R	Food – healthy fruit kababs and smoothies, using exotic fruits (Summer 2)	Mechanisms - Split pin Characters in provision Structures - Witches broom sticks		Structures – Bridges/Buildings based on London landmarks Lego, large blocks, outside cardboard boxes for children to travel across		Textiles – make tree supports to rest tree house on.	
Year 1	<ul style="list-style-type: none"> Design and make a healthy sandwich Research what is and is not healthy 	Textiles (join by glue): Assembling and joining using glue associated with the school and Rochdale e.g. logos		Mechanisms (one moving part): Create a simple pop up toy using different materials incorporating the use of a slider – (textiles, junk material and card)		Structure (axle): Create a swing for a play person which includes a moving part making use of stiff card incorporating an axle	
Year 2	<ul style="list-style-type: none"> Make a pizza Put on ingredients that they know is healthy (link with healthy body in science) 	Structures (tall and stable): Create a tall structure of at least 30cm (something that looks aesthetically pleasing having explored tall buildings in London) using a range of straws, junk material, card		Textiles (join by sewing) and Structures (stable): Create a Kenyan traditional village home with a textile roof which incorporates an African style design (which includes some sewing) and is aesthetically pleasing. Base made of a malleable material e.g. clay, plasticine		Mechanisms (axle and wheels): Create a moving vehicle with axles and wheels – links to historical unit on transport and reflects transport through the ages	
Year 3	<ul style="list-style-type: none"> Make scones or a cup cake If making a cup cake, design it in the first instance 	Textiles (measuring and creative): Create a weaving loom to produce a A4 floor mat which incorporates a range of textiles and textures		Structures (stable and creative): Create an aesthetically pleasing structure specifically for the town of Rochdale taking account of large structures such as The Angel of the North. Made from construction kits e.g Meccano		Mechanisms (pulley): Create a mechanism for loading objects onto a boat which incorporates a pulley system (lifting 1 kg) - links to geography unit of rivers	
Year 4	<ul style="list-style-type: none"> Prepare afternoon tea for 4 guests (which could include your friends but has at least one adult involved) 	Mechanisms (lever): Create a Roman weapon to propel a marble one metre which is operated by a lever system		Textiles (Running Stitch): Create a A4 personal flag for the opening ceremony of the Ancient Greek Olympics which incorporates a running stitch		Structure (incorporating a simple electrical circuit): Create an electrical torch which incorporates changing colours e.g. kaleidoscope	
Year 5	<ul style="list-style-type: none"> Design and make an apple (or fruit) crumble. Pupils must work out which ingredients they need, buy the ingredients and cost it 	Structures (use of recycled materials): Create a structure including a prototype to reflect an aspect of European life which could become a European landmark out of recycled materials		Textiles (applique and at least 3 different stitches): Taking account of the Bayeux Tapestry create a textile product which tells a story and incorporates fabric sewn onto fabric (applique) and stitch detail		Mechanisms (gears): Create a water mill system for a developing country which incorporates gears and links to Fairtrade	
Year 6	<ul style="list-style-type: none"> Prepare a Sunday lunchtime meal in the tradition of Sunday lunches in the past (meat, roast potatoes, vegetables, etc.) Pupils must work out which ingredients they need, buy the ingredients and cost it 	Mechanisms (Applying previous knowledge of axles, sliders, wheels, pulleys, levers and gears): Create a vehicle capable of moving over different terrain which incorporates more than one mechanical system		Structure and Textiles (Stable and appropriate for setting): Create a camouflaged nomadic tent that would a suitable for a desert incorporating a stable structure and a range of joining techniques		Mechanisms (a complex electrical circuit with multiple components): Create a traffic light system that involves the use of IT	