




DT CURRICULUM MAP – Y1

1	Autumn		Spring		Summer	
		Mechanisms – Sliders and Levers		Bird Boxes		Fruit Kebabs
Brief	To design, make and evaluate sliders and levers that can move.		To Design, Make and Evaluate a Bird/Animal hide.		To design, Make and Evaluate fruit kebabs.	
Skills	<ul style="list-style-type: none"> • Begin to draw on their own experience to help generate ideas and research conducted on criteria. • Begin to understand the development of existing products: What they are for, how they work, materials used. • Start to suggest ideas and explain what they are going to do. • Understand how to identify a target group for what they intend to design and make based on a design criteria. 		<ul style="list-style-type: none"> • Begin to make their design using appropriate techniques. • Begin to build structures, exploring how they can be made stronger, stiffer and more stable. • With help measure, mark out, cut and shape a range of materials. • Explore using tools e.g. saw safely. • Begin to assemble, join and combine materials and components together using wood glue • Begin to use simple finishing techniques to improve the appearance of their product. 		<ul style="list-style-type: none"> • Begin to understand that all food comes from plants or animals. • Explore the understanding that food has to be farmed, grown elsewhere (e.g. home) or caught. • Start to understand how to name and sort foods into the five groups in 'The Eat well plate' • Begin to understand that everyone should eat at least five portions of fruit and vegetables every day. • Know how to prepare simple dishes safely and hygienically, without using a heat source. • Know how to use techniques such as • cutting, peeling 	
Vocabulary	Moving, mechanism, slider, evaluate, assemble, fix, Lever, split pin, pivot, Design criteria, annotated sketch, idea, discuss, choose, drawing, label, appealing, evaluate, make, improve.		plywood, veneers, laminated, dowel, PVA wood glue, sandpaper, perch, metal eyes, string / wire, sides, front, back, base, roof, camouflage, design, existing products, function, freestanding, strong, stable, hang-up		Design, make, evaluate, taste, sweet, bitter, sour, salty, crunchy, texture, peel, chop, cut, Strawberries, grapes, kiwi, banana, raspberries, blueberries, melon, pineapple, orange, skewer, slide, patterns.	
Inventor	<p>Mary Anderson invented windscreen wipers. She invented a swinging arm with a rubber blade that could be operated by the driver from inside the vehicle to solve the problem.</p>		<p>Kew's Pagoda was completed in 1762 as a gift for Princess Augusta, the founder of the Gardens. It was one of several Chinese buildings designed for Kew by Sir William Chambers, who had spent time travelling and studying the architecture of East Asia.</p>		<p>Ainsley Denzil Dubriel Harriott MBE (born 28 February 1957) is an English chef and television presenter. He is known for his BBC cooking game shows Can't Cook, Won't Cook and Ready Steady Cook.</p>	