

DT CURRICULUM YEAR 1 and 2

During all DT topics in KS1 the children should

- They should explore what products are already available, who the products are for, how the products work, how and where the products are used, what they are made from and what they like or dislike about the products.
- They should talk about their design ideas and what they are making, make simple judgements against a design criteria and suggest how the product can be improved.

	AUTUMN	SPRING	SUMMER
CYCLE A THEMES	Exciting Engineers and Interesting Inventors	Our Wonderful World	Here, there and everywhere
KNOWLEDGE AND UNDERSTANDING	<ul style="list-style-type: none"> • To know about the simple working characteristics of materials and components. • To understand about the movement of simple mechanisms such as levers, sliders, wheels and axles. 		<ul style="list-style-type: none"> • To know how freestanding structures can be made stronger, stiffer and more stable
FOCI	Mechanisms – moving vehicle	Art	Structures – Bridges in Skelmersdale
KEY VOCABULARY	Vehicle, wheel, axle, axle holder, chassis, body, cab, assembling, joining, shaping, finishing, fixing, free, moving, mechanism, design, make, evaluate, purpose, user, criteria, use		Build, join, construct, stable, ridged, structure, design, make, evaluate, purpose, user, criteria, user
SIGNIFICANT PEOPLE	Henry Ford		Eugene Figg
CYCLE B THEMES	Castles, Battles and War	London's Calling	Our Wild Planet
KNOWLEDGE AND UNDERSTANDING	<ul style="list-style-type: none"> • To understand that a 3-D textiles product can be 	<ul style="list-style-type: none"> • To know that all food comes from plants or animals 	

	assembled from two identical fabric shapes	<ul style="list-style-type: none"> To understand that food has to be farmed, grown elsewhere (e.g. home) or caught To name and sort foods into five food groups To know how to prepare simple dishes safely and hygienically, without using a heat source To use techniques such as cutting, peeling and grating 	
FOCI	DT: Textiles	DT: Food - linked to bakery.	Art
KEY VOCABULARY	plan, template, fabric, cutting out, sewing, needle, running stitch, gluing, adding knowledge and understanding, eg character, puppet, seam, stitch, thread, strong, quality, features, strengthen, reflective symmetry, position, to, towards, design, make, evaluate, purpose, user, criteria, user	Mix, peel, chop, grate, dice, balanced diet, eat well diet, animals, plants, caught, farmed, design, make, evaluate, purpose, user, criteria, user	
SIGNIFICANT PEOPLE		Thomas Farriner (baker in Pudding Lane which started Great Fire of London)	