



Medium Term Plan DT 2023 - 2024

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6	
Trips or events		Year 2 – DT sewing workshop Year 3 – lantern parade	Y1- shoebox cars workshop			Climate change Y6 - linked to Geography – Design a sustainable product KS1 transition picnic	
EYFS	I can begin to show and I can safely use and e function (EAD- creation I can share my creation I am confident to try self)	LO: I can use a range of small tools, including scissors and paint brushes (PD- fine motor skills) I can begin to show accuracy and care when drawing (PD- fine motor skills) I can safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function (EAD- creating and materials) I can share my creations, explaining the process they have used (EAD- creating and materials) I am confident to try new activities and show independence, resilience and perseverance in the face of challenge (PSED- managing					

Year 1	Not taught	Moving pictures-	<u>Cars</u>	Not taught	Fruit Kebabs	Not taught
		Christmas cards			Design I can	
			Design I can		design	
		Design	design a		purposeful,	
		I can design a purposeful,	purposeful,		functional,	
		functional and appealing	functional and		appealing	
		card for myself, based on	appealing car		food	
		dara isi mysen, basea on				

	The state of the s	1	
design criter	ia (lever, spinner	based on design	for myself and
and tab)		criteria	other users
			based on design
I can design,	make and	I can generate a	criteria
evaluate a C	hristmas card	design for my car.	
with moving			I can generate,
		I can develop,	develop, model
I can commu	unicate my ideas	model and	and
through talk	ing, drawing,	communicate	communicate
templates ar	nd mock-ups	my ideas	my ideas
		through talking,	through talking,
<u>Make</u>		drawing,	drawing,
I can select f	rom and use a	templates,	templates,
range of too	ls and	mock-ups.	mock-ups
equipment t	o perform		·
practical	tasks (joining,	<u>Make</u>	<u>Make</u>
cutting, shar	oing, finishing)	I can select from	I can select from
		and use a range	and use a range
I can select f	rom and use a	of tools and	of tools and
wide range of	of materials and	equipment to	equipment to
components	s- construction	perform	perform
materials, a	ccording to their	practical tasks	practical tasks –
characteristi	cs (scissors, split	(cutting,	cutting,
pins, , tabs)		measuring,	spreading,
		joining)	mixing
<u>Evaluate</u>			
I can explore	e and evaluate a	I can select from	I can select from
range of exis	sting products	and use a wide	and use a wide
		range of	range of
	ate my Christmas	materials and	materials and
card against	design criteria		components

components, (ingredients)	ì
including according to	
construction their	
materials, characteristics	
according to	
their	
characteristics <u>Evaluate</u> I can	
explore and	
Evaluate 1 can evaluate a	
explore and range of	
evaluate a range existing	
of existing products	
products	
I can evaluate	
I can evaluate my fruit kebab	
my car against against design	
design criteria criteria	
<u>Technical</u>	
<u>knowledge</u>	
I can build a car,	
exploring how it	
can be made	
stronger, stiffer	
and more stable	
I can explore and	
use mechanisms,	
wheels and axles	
in my products.	

Year 2	Not taught	Textiles- Christmas	Not taught	Food project-	Not taught	<u>Lighthouses</u>
		decorations		bread making		<u>Make</u>
				<u>Design</u> I can		I can select from
		<u>Design</u>		design		and use a range of
		I can design a purposeful,		purposeful,		tools and
		functional, appealing		functional,		equipment to
		Christmas decoration for		appealing		perform practical
		myselves and other users		products for		tasks [for example,
		based on design criteria		themselves and		cutting, shaping,
				other users based		joining and
		I can generate, develop,		on design criteria		finishing]
		model and communicate my				
		ideas through talking,		I can generate,		I can select from
		drawing, templates,		develop, model		and use a wide
		mockups		and communicate		range of materials
				my ideas through		and components,
		<u>Make</u>		talking, drawing,		including
		I can select from and use a		templates,		construction
		range of tools and		mockups		materials, textiles
		equipment to measure, cut,				and ingredients,
		thread and sew my		<u>Make</u>		according to their
		Christmas decoration.		I can select from		characteristics
		Language frame and was a		and use a range of		
		I can select from and use a		tools and		<u>Evaluate</u> I can
		wide range of materials and		equipment to		explore and
		components, including		perform practical		evaluate a range of
		construction, textiles		tasks [for example,		existing products
		according to their		cutting, shaping,		
		characteristics		joining and		I can evaluate their
		Fundanta		finishing]		ideas and products
		<u>Evaluate</u>				

I can explore and evaluate a	I can select from	against design
range of existing products	and use a wide	criteria
	range of materials	
I can evaluate their ideas	and components,	<u>Technical</u>
and products against design	ingredients,	<u>knowledge</u>
criteria	according to their	I can build
	characteristics	structures,
		exploring how they
	<u>Evaluate</u> I can	can be made
	explore and	stronger, stiffer and
	evaluate a range	more stable
	of existing	
	products	I can explore and
		use mechanisms
	I can evaluate	[for example, lever
	their ideas and	sliders, wheels and
	products against	axles], in their
	design criteria	products.

Year 3	NO DT project in TERM 1	LANTERN MAKING LO: I can design a lantern using appropriate materials LO: I can design a lantern using appropriate materials LO: I can evaluate my lantern	Not taught this term	EASTER BISCUITS LO: I can research a food product. LO: I can design my food product LO: I can make my food product. LO: I can evaluate my food product.	Not taught this term	DEN BUILDING LO: I can research a suitable shelter. LO: I can design a shelter. LO: I can make a shelter. LO: I can evaluate my product.
Year 4	NO DT project in TERM 1	PURSE MAKING LO: I can design a purse LO: I can make a net LO: I can sew my purse I can evaluate my money container	Not taught this term	Not taught this term	WIND TURBINES L.O: I can discuss the pros and cons of wind power and other renewable sources of energy. LO: I can design a wind turbine and create an annotated diagram. L.O: I can build a functional wind turbine.	LO: I can understand and apply the principles of a balanced diet LO: I can analyse and investigate a range of products LO: I can investigate a range of products LO:I know how to prepare food hygienically and safely. LO: I can evaluate my product

		L.O: I can evaluate the product I have made.	

Year 5	NO DT project in TERM 1	EMBROIDERY LO: I can understand the design process and can research different uses of embroidery LO: I can practise using a range of stitches LO: I can design an embroidery pattern LO: I can embroider a pattern LO: I can evaluate my work	Not taught this term	CATAPULTS L.O: I can discuss a catapult and make a preliminary design L.O: I can research mechanisms and discuss materials L.O: I can build a catapult L.O: I can build a catapult and test it L.O: I can evaluate my catapult and discuss possible amendments	Not taught this term	Balanced Diet - Food project - Tropical fruit cocktail LO: I can research a food product. LO: I can design my food product LO: I can make my food product. LO: I can evaluate my food product.
Year 6	NO DT project in TERM 1	FLAPJACK MAKING LO: I can analyse and evaluate the nutritional value of foods.	Not taught this term	Not taught this term	Mobile Phone Cases	ELECTRIC VEHICLES LO:I can research electric vehicles

LO: I can plan my own recipe for a high energy food. LO: I can design packaging to appeal to a target audience. LO: I can make high energy food according to a recipe. LO: I can evaluate my flapjacks based upon a design criteria.	LO: I can research mobile phone cases. LO: I can design a mobile phone case. LO: I can	LO:I can research electric vehicles L.O: I can work collaboratively to follow instructions. L.O: I can measure
CHRISTMAS CARDS LO: I can research and create a design for an embroidered Christmas card LO: I can make an embroidered festive card LO: I can evaluate my festive card	experiment with different stitches. LO: I can make a mobile phone case.	accurately to build a frame. LO: I can test and evaluate my electric car.
	LO: I can review and evaluate my mobile phone case.	L.O: I can work collaboratively to follow instructions. L.O: I can measure accurately to build a frame.
		LO: I can test and evaluate my electric car.