

DT Nursery and EYFS progression

Nursery	Reception
To use blocks and construction kits to develop small worlds.	Safely use and explore a variety of materials, experimenting with colour, design, texture, form, and function
To explore and choose different materials and textures independently to develop ideas for creative tasks	To explore, choose and refine joining different materials using a variety of tools and techniques
	Share their creations, explaining the process they have used

KS1 - Levers and Sliders – A Pop Up Diwali Card

	Self	Teacher
I Know		
A lever and slider makes things move		
Safety is a key skill in creating products		
That people have different opinions on products		
I can		
I can choose equipment and resources for a purpose		
I can cut and join cardboard materials		
I can express an opinion on a product		
I can use a lever or slider to make something move		

KS1 - Food technology – European Dish

	Self	Teacher
I Know		
Where a variety of food comes from		
A variety of foods make up a healthy diet		
There are a number of famous chefs who make European dishes		
I can		
Use a range of ingredients to prepare a healthy dish		
Use a variety of tools to make the dish		

LKS2- Textiles - Celebration Hats

	Self	Teacher
I Know		
Different users have different needs		
Products can be joined in different ways		
I know that a Milliner designs hats		
I can		
Research different products which fulfil a design criteria		
Develop and communicate my ideas about the design process		
measure accurately		
Choose appropriate materials according their properties		
Use a simple sewing technique accurately (back stitch)		
I can evaluate my product and suggest changes		

LKS2 - Food technology – sandwich

	Self	Teacher
I Know		
Different ingredients can give different tastes to food		
What foods help to make up a healthy and balanced diet		
Using a range of techniques I can make a variety of foods.		
I can		
Use a range of techniques to make a sandwich		
Use healthy and balanced food to make a sandwich		
Use a range of ingredients to make a sandwich		

LKS2 - Levers and Linkages – Rainforest Diorama

	Self	Teacher
I Know		
A range of levers and sliders make things move		
Safety is a key skill in creating a variety of products		
That people have different opinions on products		
Using different tools will create a different outcome		
I can		
I can choose a variety of equipment and resources for a purpose		
I can use a range of tools to perform practical tasks		
I can design a product and evaluate it using the opinions and views of others		
I can use mechanical systems in my products such as levers and linkages		
I can generate a range of ideas and discuss them through sketches and prototypes		

UKS2 - Electricity and Mechanisms –Fairground Rides

	Self	Teacher
I Know		
That electricity is used to power rides		
That fairground design is a career option		
That input from others can improve my product		
I can		
Create an electrical system using a motor		
Control a product using a computing program		
Generate and develop designs in different ways		
Select and use a variety of equipment and tools accurately		
Investigate and evaluate a range of existing products		
Use mechanical systems in my product		
Evaluate my work, suggesting things I would change		

UKS2 - Structures – Mosques

	Self	Teacher
I Know		
That someone who designs and builds mosques is an architect.		
Becoming an architect is a career opportunity		
That input from others can improve my product		
I know how key events and technology have helped shaped today's world		
I can		
Generate, develop, model and communicate ideas through discussion, annotated sketches, prototypes, and computer-aided design		
Generate and develop designs in different ways		
Select and use a variety of equipment and tools accurately		
Investigate and evaluate a range of existing products		
Stiffen and reinforce more complex structures		
Evaluate my work, and consider others views whilst also suggesting things I would change		