



# DT Long Term Plan



Phase		Autumn	Spring	Summer		
Nursery		<u>Pumpkin Soup</u> Making soup Baking	<u>What's Outside?</u> Making model cars and streets	<u>Life on the Farm</u> Join different materials and explore different textures.		
	Rec	<u>Super Me!</u> Design and make themselves, their family and their homes	<u>That's not my Traditional Tale</u> Bridge building for the Billy Goats Cooking pancakes for the Wolf Clay minibeast	<u>My Beautiful World</u> Threading using colours Curling and folding paper Junk modelling		
KSI	A	<u>Puppet monster: Lever Head mouth</u> Create a puppet to be used in a puppet show for younger children that is aesthetically pleasing	<u>Class Picnic</u> A Balanced Diet - Make a Wrap for a healthy dinner Eatwell plate and choosing combinations of ingredients	<u>Choo Choo!! All aboard</u> Wheels and Axels- create a moving vehicle that can get over the class track		
	B	<u>Ho Ho Ho! Christmas Puppets</u> Christmas puppets- combining textiles and materials and 1 simple stitch	<u>Pop up Meerkats and Penguins</u> Create a moving picture using a simple lever and Slider	<u>My house is stronger than your house- African house building.</u> Learning how to make structures stronger- testing them out. Who has the strongest and why?		
LKS2	A	<u>Light it up: Night lights</u> Create a night light for a young child's bedroom.	<u>Moving shadow puppets</u> Create a moving shadow puppet using a fixed pivot and double levers.	<u>From Farm to Fork 'Mamma Mia!</u> Creating a pasta dish- cutting and chopping skills. Considering where ingredients are grown, reared and caught		
	B	<u>Flood alert: Still houses</u> Creating a structure from wood and testing it against a flood.	<u>Representing nature in stitch</u> Creating a cushion using stitches to join and adding applique on	<u>My moving Myth Character</u> Creating a moving Myth Character using CAMS		
UKS2	A	<u>Robert Sabuda: Pop Up Cards</u> Creating a pop-up card with a mechanism based on the work of Robert Sabuda	<u>Come Dine with Me: Pizza Party</u> Applying the principals of a varied diet and preparing and cooking a pizza including pizza base. Considering seasonality.	<u>Fairground Challenge</u> Creating a fairground ride using Motors, pulleys, and gears in groups- best one gets a prize.		
	B	<u>CAD Screen Printing</u> Creating a design online that will be printed onto a t-shirt/ bag.	<u>Rainforest Hydraulics</u> Create a rainforest themed moving character using a hydraulic mechanism.	<u>Bridges</u> Strengthen, stiffen and reinforce a bridge structure. Can it withstand the test?		
		Structures	Mechanisms	Textiles	Food technology	Electronical /components