



DT long term plan

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<ul style="list-style-type: none"> Design and make a diya lamp 		<ul style="list-style-type: none"> Design and make a colour monster puppet using lollipop sticks and a range of materials. 		<ul style="list-style-type: none"> Design and make a watering can. 	<ul style="list-style-type: none"> Design and make a wooden coat peg.
Reception	<ul style="list-style-type: none"> Plan, design and make a crown. Plan, design and make a kite. Plan, design and make a split pin nocturnal animal. Plan, design and make a textile bookmark 		<ul style="list-style-type: none"> Plan, design and make emergency vehicles using appropriate recycled resources 		<ul style="list-style-type: none"> Cook gingerbread man using non-standard measurement Plan, design and make a secure bridge structure for The Billy Goats to cross the river. 	
Year 1	<p style="text-align: center;"><u>Food</u></p> <ul style="list-style-type: none"> Understand where food comes from (Harvest link). Use cutting skills to make a harvest soup 		<p style="text-align: center;"><u>Textiles</u></p> <ul style="list-style-type: none"> Design, make and evaluate a wall hanging map of the United Kingdom 	<p style="text-align: center;"><u>Mechanics</u></p> <ul style="list-style-type: none"> Design, make and evaluate a moving vehicle using wheels and axles 	<p style="text-align: center;"><u>Mechanics</u></p> Design, make and evaluate moving pictures using levers and sliders	
Year 2	<p style="text-align: center;"><u>Mechanics</u></p> <ul style="list-style-type: none"> Design and make a castle draw bridge using a winding mechanism 	<p style="text-align: center;"><u>Textiles</u></p> <ul style="list-style-type: none"> Apply textile skills to create a flag for the re-enactment of the Battle of the Spanish Armada 	<p style="text-align: center;"><u>Structures</u></p> <ul style="list-style-type: none"> Design and make a successful structure to hold a piece of art 		<p style="text-align: center;"><u>Food</u></p> <ul style="list-style-type: none"> Design, prepare and taste a healthy pizza 	
Year 3	<p style="text-align: center;"><u>Significant designers</u></p> <ul style="list-style-type: none"> Find out why William Wilkinson is a significant designer 	<p style="text-align: center;"><u>Mechanics</u></p> Create a magnetic crane using cogs and pulleys to lift a magnetic object	<p style="text-align: center;"><u>Food</u></p> <ul style="list-style-type: none"> Design and make own style vegetable and chicken kebabs and Greek dips 		<p style="text-align: center;"><u>Structures</u></p> Design and make mini-greenhouse	
Year 4	<p style="text-align: center;"><u>Significant designers</u></p> <ul style="list-style-type: none"> Find out why Tim Berners-Lee is a significant designer 	<p style="text-align: center;"><u>Food</u></p> <ul style="list-style-type: none"> Make Chinese stir fry using seasonal produce 	<p style="text-align: center;"><u>Textiles</u></p> <ul style="list-style-type: none"> Design, make and evaluate a bag for life 		<p style="text-align: center;"><u>Mechanics</u></p> <ul style="list-style-type: none"> Design and make a Roman catapult 	
Year 5	<p style="text-align: center;"><u>Significant designers</u></p> <ul style="list-style-type: none"> Find out why Charles Mackintosh is a significant designer 	<p style="text-align: center;"><u>Textiles</u></p> <ul style="list-style-type: none"> Design, make and evaluate a cushion with an appealing design 	<p style="text-align: center;"><u>Food</u></p> <ul style="list-style-type: none"> Design and make own style Argentinian empanadas using produce from the school garden 		<p style="text-align: center;"><u>Mechanics and structures</u></p> Design, make and evaluate a moving toy using a cams mechanism	
Year 6	<p style="text-align: center;"><u>Significant designers</u></p> <ul style="list-style-type: none"> Find out why Graham Alexander Bell is a significant designer 	<p style="text-align: center;"><u>Food</u></p> Create WWII bread and refine the recipe using different ingredients and techniques	<p style="text-align: center;"><u>Electrical systems</u></p> <ul style="list-style-type: none"> Design, make and evaluate an electrical burglar alarm system 		<p style="text-align: center;"><u>Mechanics</u></p> <ul style="list-style-type: none"> Design, create and evaluate a fairground with moving rides 	

