

DT Long Term Plan

Phase		Autumn	Spring	Summer		
KSI	A	<u>Components- Train</u> Link to Stephenson's Rocket in History <ul style="list-style-type: none"> • Make the structure • Using wheels & axles (4-whl/model) (Progression from EYFS - Design, make and evaluate)		Healthy eating - <u>A Balanced Diet</u> Make a Wrap *Bridge and claw grip is taught (*Progression from EYFS - categories food types and explore sugar - PSHE link) *Progression- design 3 possible options before making)		
	B	<u>Mechanisms Levers Sliders/pop up - Titanic ship- Pop up Plant</u> Make a lever plant (*Progression from EYFS - Design, Make, Evaluate process)	<u>Textiles Puppets</u> (Progression from EYFS - Design, Make, Evaluate) (Recap - sew on buttons and complete running stitch)	<u>Structures - build an African house</u> Make a structure - investigate how to make things stronger.		
LKS2	A	<u>Electrical components</u> Torches (*Links to Science) (Progression - recap on all structures taught before intro to electronics - purpose / audience)		'From Farm to Fork' <u>Mamma Mia! What a Tasty, Healthy Bolognese</u> (recap on all prev. learning. Appropriate packaging that reflects a recipe, cooking safely - using hot pans/equipment)		
	B	<u>Cams Toys</u> Linked to mayans and greeks (recap on all previous mechanisms before introduction to cams)	<u>Textiles-Cushion</u> (recap on buttons and running stitch - teach back stitch)	<u>Cardboard structures</u> Stilt houses (Linked to English - 'Flood') (Progression from KSI - Making the structure stable and fit for purpose) <u>Structures</u> Build a Greek temple link to geography.		
UKS2	A	<u>Electronics</u> Make a toy that can be controlled with CAD (Progression- recap on all previous learning linked to electrical components)		<u>Healthy eating</u> <u>Come Dine with Me</u> (consolidating all previous skills and contributing to a class cookbook)		
	B	<u>Hydraulics</u> Rising sarcophagus (*Recap on wheels and axles & levers before teaching Hydraulics) *Links to Ancient Egypt (History)	<u>Textiles Bag</u> (recap on all skills buttons, running stitch, back stitch - teach blanket stitch for decorative purposes)	<u>Fairgrounds - structures</u> (recap on all structures work previously taught. Children are expected to design, make and evaluate with a detailed brief) <u>Structures</u> Build a statue like Christ the redeemer Link to geography Brazil		
		Structures	Mechanisms	Textiles	Food technology	Electronical /components