## **DT Overview**

Year	Autumn	Spring		Summer	
Rec	Mechanisms	Structures	<u>Textiles</u>	Not covered until KS2	Cooking and Nutrition Health Week
					MasterChef
Year	Mechanism – moving pictures	Structures - Build a Castle	<u>Textiles - Puppets</u>	Not covered until KS2	Cooking and Nutrition
1	Children to design, make, evaluate and use technical knowledge.	Children to design, make, evaluate and	Children to design, make, evaluate and use technical knowledge.		Children to design, make, evaluate and use technical knowledge.
	technical knowledge.	use technical knowledge.	and use technical knowledge.		and use technical knowledge.
	LO: To select an appropriate mechanism to	-	Cross curricular link - English -		
	create a moving picture	Cross curriculum link – maths	Traditional fairy tales		Health Week
	Cross curricular link - English	measurement History – Skipton castle			MasterChef
	- Levers and sliders	Thistory Skipton custic			
Year	Mechanisms - Wheeled toy	Structures - Build a car garage.	Textiles – Kites?	Not covered until KS2	Cooking and Nutrition
2	Children to design, make, evaluate and use technical knowledge.	Children to design, make, evaluate and use technical knowledge.	Children to design, make, evaluate and use technical knowledge.		Children to design, make, evaluate and use technical knowledge.
	technical knowledge.	use technical knowledge.	and use technical knowledge.		Health Week
	LO: To use and create wheels and axels	History – Great fire of London	Cross curricular link – Maths -		MasterChef
	Cross curricular link – Saltaire	English – Traditional tales	shape		
	Toys/everyday objects – History				
	- Wheels and axels				
Year	Mechanism – Moving robot	Structures - Greenhouses	Textiles – Bookmarks/weaving	Electrical Systems – Light up box	Cooking and Nutrition
3	Children to design, make, evaluate and use technical knowledge.	Children to design, make, evaluate and use technical knowledge.	Children to design, make, evaluate and use technical knowledge.	Children to design, make, evaluate and use technical knowledge.	Children to design, make, evaluate and use technical knowledge.
	LO: To create a robot that has moving parts	ase teelimear knowleage.	and use teemieur knowledge.	and use teeminear knowledge.	and use teermeer knowledge.
	Links to English – Iron Man	Cross curricular link – Science – rocks	Cross curricular link - History –	Cross curricular link – Light and	Health Week
	Science – Magnets and forces	and soils	Industrial revolution	shadows	MasterChef
	- Pneumatic systems				
	- Balloons/syringes				
Year	Mechanism – To create a moving story book	<u>Structures - Packaging</u> Children to design, make, evaluate and	<u>Textiles – Pencil case/purse</u> Children to design, make, evaluate	<u>Electrical systems - Torches</u> Children to design, make, evaluate	Cooking and Nutrition Children to design, make, evaluate
4	Children to design, make, evaluate and use	use technical knowledge.	and use technical knowledge.	and use technical knowledge.	and use technical knowledge.
	technical knowledge.	G		, and the second	
	Cross curriculum link - Facilish scions	Cross curricular link – English – plastic	Cross curricular link – maths -	Cross curricular link – Science –	Health Week
	Cross curriculum link – English, science, Geography.	pollution	measurement	electricity English – Explanation text	Health Week MasterChef
	- box fold				
	- mouth fold				
	- slider - lift up flap				
	- rotator, paper spring				

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Year	Mechanism – How fast can your vehicle	Structures – Building bridges	Textiles – Drawstring bag	Electrical Systems - Alarm	Cooking and Nutrition
5	<u>go?</u>	Children to design, make, evaluate and	Children to design, make, evaluate	Children to design, make, evaluate	Children to design, make, evaluate
	Children to design, make, evaluate and use	use technical knowledge.	and use technical knowledge.	and use technical knowledge.	and use technical knowledge.
	technical knowledge.				
		Cross curricular link – History – Ancient	Cross curricular link – maths -		Health Week
	<u>Cross curriculum link – Science</u>	Greece	measurement		MasterChef
	- battery powered				
Year	Mechanism – Can you make a fairground	Structures – Bird houses	<u>Textiles - slippers</u>	Electrical Systems - Create your	Cooking and Nutrition
6	ride that turns?	Children to design, make, evaluate and	Children to design, make, evaluate	own game	Children to design, make, evaluate
		use technical knowledge.	and use technical knowledge.	Children to design, make, evaluate	and use technical knowledge.
	Children to design, make, evaluate and use			and use technical knowledge.	
	technical knowledge.		Cross curricular link – maths -		Health Week
		Cross curricular link – maths –	measurement	Cross curricular link – Science	MasterChef
	Cross curriculum link -	measurement		electricity	
	Maths - measurement	Science – Living things and their habitats			
	Science - electricity			- buzzers	
				- light	
	- battery			- sound	
	- wheels				
	- axels				
	- rotator				
	- shaft				
	- motor				