



The Design Technology Curriculum Long Term Overview

		Autumn	Spring	Summer
EYFS	Nursery			
	Reception			
Key Stage 1	Year 1 (Cycle A)		Design, Make & Evaluate Materials Design and make a shopping bag for Manchester shoppers QCA (link to science & Manchester topic)	Technical Knowledge Construction Explore to make buildings stronger and sturdier (link to topic)
	Year 2 (Cycle B)	Technical Knowledge Mechanisms Explore mechanisms and how things work e.g. push, pull, slide, gears (link to technology now and then topic)	Food Technology (link to science - food for being healthy & good hygiene)	Design, Make & Evaluate Materials Design & make a raincoat for teddy STEM (link to science & working scientifically)
Lower Key Stage 2	Year 3 (Cycle A)		Food Technology Technical Knowledge Design & make food Create packaging for food QCA (link to geography food topic)	Technical knowledge Mechanisms Create a roman chariot with wheel mechanism and cam mechanism soldier in it.
	Year 4 (Cycle B)	Technical Knowledge Mechanisms Design & make a moving bridge that can be manipulated with a mechanism (link to Geography topic)	Technical knowledge Electrical Control Make a torch QCA (link to science)	Technical Knowledge Mechanisms Design & make a Egyptian storage chest (linked to Egyptian topic)
Upper Key	Year 5	Technical Knowledge Construction Using Ancient Greece architecture as inspiration, place structures on to difference surfaces. Investigate which material,		Food Technology Make bread and pizzas.
				Make, Design & Evaluate Construction Design & make a planet mobile using marbling technique for decorating the planets.

		structure & surface is best STEM (link to science and Ancient Greeks topics)				
Year 6	Food Technology (Link to science and nutrition)		Technical Knowledge Electrical & computer control Make controllable vehicles QCA (Link to electricity)			Design, Make & Evaluate Design & make a tapestry using felt & sewing techniques (link to Industrial Revolution)