



YEAR	SPRING 1	SPRING 2
EYFS	Exploring - Construction Problem solving	Water - how it creates energy
Y1	Mechanisms - Slides and Levers	Textiles - Templates and joining techniques
Y2	Mechanisms - Wheels and Axles	Structures - Freestanding Build the 8th Wonder
Y3	Mechanical Systems - Pneumatics	Textiles - 2D shape to 3D product Develop Clothing brand/products for a key market
Y4	Mechanical Systems - Levers and linkages	Structures - Shell Structures using CAD Building earthquake proof housing
Y5	Textiles - Combining different fabric shapes Design and make a new flag that identifies our school/area	Use Google Sites to design a tourism website for a destination
Y6	Textiles - Using computer aided design in textiles Creating items/branding to highlight how we are damaging our world.	Structures - Frame Structures Homeless Shelter Housing Project