

Design and Technology Concept Curriculum Map

Big Ideas	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Mechanical Systems	EAD: creating with materials Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function; Share their creations, explaining the process they have used;	Sliders and Levers: Moving story book	Wheels and Axels: Fairground wheel	Pneumatics: Creating a toy		Pulleys and Gears: Pop-up book Cams	Automata: Creating toy
Structures		Freestanding Structures: Constructing a windmill	Shapes within structures: baby bear's chair	3D Geometric shapes within structures: Constructing a building			
Food	PSE: Managing self: understanding the importance of healthy food choices		Following a recipe: a balanced diet		Adapting recipes: Baking		Cooking for a purpose: come dine with me
Textiles	Safely use and explores a variety of materials Experimenting with texture	Joining fabrics: Puppets			Fastenings within fabrics: book sleeve	Blanket stitching: creating a toy	
Electrical Systems				Static electricity: creating a game	Circuits and Switches : Torches	Simple controlled circuit: Electronic greetings card	Complex switches and circuits: Steady hand game