



DT Long-Term 2023-2025



EYFS A	Let's Look at Products!	Exploring materials, and structures - Toys	Structures - Let's Get Building! Ole Christiansen (Inventor)	Textiles - Let's Look at Hats!
EYFS B	Let's Look at Products!	Exploring materials and mechanisms - Toys	Mechanisms – Hinges and Catches Farnolls Pritchard (Architect)	Food – Teddy Bears' Picnic Nadiya Hussain (Chef)
Year 1	Mechanisms – Moving Pictures Sliders and levers Eadweard Muybridge (Photographer) Aardman Animations Limited (Stop-Motion)		Structures – Whose Home? Freestanding structures Stephen Sauvestre (Architect)	Food – Fantastic Fruit Preparing fruit and vegetables (Including cooking and nutrition requirements for KS1) Jamie Oliver (Chef)
Year 2	Mechanisms – Let's Look at Vehicles Wheels and axles Karl Benz (Mechanical Engineer)		Food – Dips and Dippers Preparing fruit and vegetables (Including cooking and nutrition requirements for KS1) Heston Blumenthal (Chef)	Textiles – Hand Puppets Templates and joining techniques George De Mestral (Engineer)
Year 3/4 Year 4/5 A	Y3 Structures – Packaging: Banish Broken Biscuits! Shell structures (Including computer-aided design CAD) Theodor Tobler (Chocolatier)	Y3 Food – Sandwich Snacks Healthy and varied diet (Including cooking and nutrition requirements for KS2) Monica Galetti (Chef)	Y4 Mechanical Systems – Moving History Book Levers and Linkages	Y3 Textiles – Aprons 2-D shape to 3-D product Vivienne Westwood (Fashion Designer)
Year 3/4 Year 4/5 B	Y4 Mechanical Systems- Mighty Mascots Mechanical and Pneumatic Control Robert William Thomson (Engineer)	Y4 Food – Super Salads Healthy and varied diet (Including cooking and nutrition)	Y5 Structures – Bird Hides Frame structures Kengo Kuma (Architect)	Y4 Electrical Systems – Night Lights Simple circuits and switches (including programming and control) Thomas Edison (Inventor)



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		requirements for KS2) Michael Caines (Chef)		
Year 6	Electrical Systems - Alarming Vehicles More complex switches and circuits (including programming, monitoring and control) Nikola Tesler (Inventor)	Food – Soups Celebrating culture and seasonality (Including cooking and nutrition requirements for KS2) Alex Guarnaschelli (Chef)	Mechanical Systems – Mechanisms with a Message Pulleys or gears Archimedes (Engineer)	Textiles – Designer Bags Combining different fabric shapes (Including computer-aided design) Coco Chanel (Fashion Designer)