

Design and Technology Curriculum Overview

	Autumn		Spring		Summer	
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Reception	Throughout the Reception year, children will use creative, junk modelling and construction areas to develop skills such as: <ul style="list-style-type: none"> • Joining materials • Designing, making and evaluating produces • Building using a range of construction material 					
		Textiles Fruit kebabs		Textiles Constructing houses and homes	Textiles Moving part minibeasts	
Year 1		Textiles Puppets and toys <i>Ruth Handler</i>	Construction Constructing landmarks <i>Julia Barfield and David Marks, Zaha Hadid, Christopher Wren, William the Conqueror</i>		Mechanics <i>Sliders and levers</i>	
Year 2	Construction Bridges		Food Healthy eating		Mechanics Wheels and axels <i>Early civilisation inventors, the Wright brothers</i>	
Year 3		Textiles 2D to 3D design <i>George DeMestral</i>		Structures Shell structures <i>Hans Rausling</i>	Mechanics Levels and linkages	
Year 4	Food Seasonal food		Electronics Simple circuits and switches		Construction Frame structures <i>Celtic designers</i>	
Year 5		Mechanics Pulleys and gears <i>Rube Goldberg</i>		Frame structures Portable structures	Textiles Combining different shapes <i>Christian Dior</i>	
Empathy		Honesty		Respect		Responsibility

Year 6		Electronics Complex switches and circuits		Food International cuisine		Materials / Textiles / electronics Recycled products <i>Yinka Illori, Edelplast</i>
--------	--	---	--	--------------------------------------	--	---

Empathy

Honesty

Respect

Responsibility