

Design and Technology – Yearly Overview 2017-18

Year group	Term 1	Term 2	Term 3
Year 1	Trevor Baylis - inventor of the wind- up radio Drawing techniques: Annotated drawing		
	Mechanisms Sliders and levers	Structures Free standing structures	Food-Fruit jelly Preparing fruit and vegetables
	<i>Context</i> Industry – Christmas cards	<i>Context</i> Playground	<i>Context</i> Gardens
Year 2	Mary Anderson – inventor of the windscreen wipers Drawing techniques: Annotated drawing		
	Mechanisms Wheels and axles	Food- Fruit kebab Preparing fruit and vegetables	Textiles Templates and joining techniques
	<i>Context</i> Beach	<i>Context</i> Local Farm	<i>Context</i> Imaginary
Year 3	James Dyson – designer of the Dyson vacuum cleaner Drawing techniques: Annotated drawing, exploded diagram		
	Mechanical systems Levers and linkages	Food-Sandwiches Healthy and varied diet	Textiles 2-D shape and 3-D product
	<i>Context</i> Home - book	<i>Context</i> Health	<i>Context</i>
Year 4	Alec Issigonis – designer of the first Mini car Drawing techniques: Annotated drawing, exploded diagram, cross section drawing		
	Food – Snack bar Health and varied diet	Electrical systems Simple circuits and switches	Structures Shell structures (including computer aided design)
	<i>Context</i> Industry – Tesco (food to fork)	<i>Context</i> Home – night light	<i>Context</i> Industry – packaging

Year 5	Bill Gates – creator of Microsoft / Leonardo da Vinci Drawing techniques: Annotated drawing, exploded diagram, cross section drawing, orthographic projection		
	Structures Frame and structures	Food- Bread/Pizza Celebrating culture and seasonality	Electrical Systems Using more complex switches and circuits (including programming, control and monitoring)
	<i>Context</i> Garden – bird house	<i>Context</i> School – Chef project (pizza)	<i>Context</i>
Year 6	Frank whittle – Jet engine / Madhur Jaffery – Indian chef Drawing techniques: Annotated drawing, exploded diagram, cross section drawing, orthographic projection		
	Textiles Combining different fabric shapes (including computer aided design)	Mechanical Systems Pulleys, gears or cams	Food-Savoury muffin/Soup Celebrating culture and seasonality
	<i>Context</i> Sustainability	<i>Context</i>	<i>Context</i> Culture