



Community Friendship Perseverance Ambition Respect Trust

St Nicholas provides a welcoming, inclusive and aspirational learning environment at the heart of its community. We nurture, encourage and support all children, adults and their families to be the best as God intended. Following God's example of love and trust, we develop resilience and creativity in all we do.

Learning, loving and encouraging through Christ

Design and Technology Long Term Plan 2023-24

The units of learning in design and technology are based on the Kapow scheme of work, unless stated. It is a progressive and fully planned scheme, giving children the opportunity to be creative, practical, critical, learn technical skills and knowledge and understand and participate in an increasing technological world. The curriculum is organised around six key areas (Structures, Mechanisms, Textiles, Electrical Systems, Digital World, and Cooking and Nutrition) with structures, mechanisms and textiles revisited and built on throughout the primary curriculum. Whilst electrical systems and the digital world are introduced and taught in key stage two and with food and nutrition being a crucial life skill this is taught each year. The four key strands (Design, Make, Evaluate, and Technical Knowledge) are taught throughout the six areas of design and technology. Design and technology units are taught opposite art, meaning 3 different design and technology units are taught in each year group and an additional food and nutrition unit taught each year. Design and technology can be taught weekly or at times are blocked to be able to teach the units successfully.

Areas: Structures, mechanism, textiles, cooking and nutrition, electrical systems (ks2 only), digital world (ks2 only)

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 1		Puppets	Moving vehicles (wheels and axles)		Baby bears chair (Yr2 unit)	Fruit and veg smoothie
Year 2	Buildings (QCA unit 1d)	A balanced diet	Ferris wheels		Pouches	
Year 3	Eating seasonally		Cushions		Electronic charm	Castles
Year 4	Pavilions	Torches			Adapting recipes	Making a slingshot car
Year 5		Stuffed Toys	Electronic greeting cards		Pop up books	What could be healthier ?
Year 6		Navigating the world		Playgrounds		Automata toys Come dine with me