



Design and Technology

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Design	1.1 Design	1.1 Design	1.1 Use research	1.1 Use research	1.1 Use research	1.1 Use research
	purposeful,	purposeful,	and develop design	and develop design	and develop design	and develop design
	functional,	functional,	criteria to inform	criteria to inform	criteria to inform	criteria to inform
	appealing products	appealing products	the design of	the design of	the design of	the design of
	for themselves and	for themselves and	innovative and	functional, products	innovative,	innovative,
	other users based	other users based	appealing	that are fit for	functional,	functional,
	on design criteria	on design criteria	products.	purpose, aimed at	appealing products	appealing products
			(Nutrition)	particular	that are fit for	that are fit for
	1.2 Generate,	1.2 Generate,		individuals or	purpose, aimed at	purpose, aimed at
	develop, model and	develop, model and	1.2 Generate,	groups	particular	particular
	communicate their	communicate their	develop and		individuals or	individuals or
	ideas through	ideas through	communicate their	1.2 Generate,	groups	groups
	talking, drawing,	talking, drawing,	ideas through	develop, model and		
	templates.	templates, mock-	exploring taste	communicate their	1.2 Generate,	1.2 Generate,
		ups and, where	texture and smell.	ideas through	develop, model and	develop, model and
		appropriate,		discussion,	communicate their	communicate their
		information and		annotated sketches,	ideas through	ideas through
		communication		pattern pieces	discussion,	discussion,
		technology			annotated	annotated
					sketches, cross-	sketches, cross-
					sectional and	sectional and
					exploded diagrams,	exploded diagrams,
					prototypes, pattern	prototypes, pattern
					pieces and	pieces
					computer-aided	
					design (Iron on	
					design paper)	



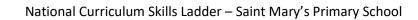


Make	2.1 Select from and	2.1 Select from and	2.1 Select from and	2.1 Select from and	2.1 Select from and
	use a range of tools	use a range of tools	use a wider range	use a wider range	use a wider range
	and equipment to	and equipment to	of tools and	of tools and	of tools and
	perform practical	perform practical	equipment to	equipment to	equipment to
	tasks: cutting with	tasks: cutting with	perform practical	perform practical	perform practical
	scissors, shaping	scissors and saws,	tasks accurately:	tasks accurately:	tasks accurately:
	using given	shaping using given	cutting corrugated	cutting using textile	cutting using
	templates, joining	templates, joining	cardboard with	scissors and rotary	scissors, craft
	using glue and	using glue and	craft knives;	blades; shaping	knives, scoring,
	sticky tape and	cardboard joints,	shaping by	using textile	sawing; shaping
	finishing using	and finishing using	measuring parts;	templates, joining	using measuring to
	paints.	paints.	joining using glue	with sewing;	create templates;
			and a range of	finishing with	joining using a
	2.2 Select from and	2.2 Select from and	cardboard joins;	computer-aided	range of strategies:
	use a wide range of	use a wide range of	finishing using	printing.	cardboard and
	materials and	materials and	paint.		wood and finishing
	components,	components,		2.2 Select from and	to waterproof.
	including	including	2.2 Select from and	use a wider range	
	construction	construction	use a wider range	of materials and	2.2 Select from and
	materials	materials (wood,	of materials and	components,	use a wider range
	(cardboard and	cardboard and	components,	including textiles	of materials and
	paper), textiles	paper), according	including	according to their	components,
	according to their	to their	construction	functional	including
	characteristics	characteristics	materials according	properties and	construction
			to their functional	aesthetic qualities.	materials according
			properties.		to their functional
					properties and
					aesthetic qualities.





Evaluate	3.1 Explore and	3.1 Explore and	3.1 Investigate and	3.1 Investigate and	3.1 Investigate and	3.1 Investigate and
	evaluate a range of	evaluate a range of	analyse a range of	analyse a range of	analyse a range of	analyse a range of
	existing products	existing products	existing products	existing products	existing products	existing products
			3.2 Evaluate their	3.2 Evaluate their	3.2 Evaluate their	3.2 Evaluate their
	3.2 Evaluate their	3.2 Evaluate their	ideas and products	ideas and products	ideas and products	ideas and products
	ideas and products	ideas and products	against their own	against their own	against their own	against their own
	against design	against design	design criteria	design criteria and	design criteria and	design criteria and
	criteria	criteria		consider the views	consider the views	consider the views
				of others to	of others to	of others to
				improve their work	improve their work	improve their work
				3.3 Understand	3.3 Understand	3.3 Understand
				how key events and	how key events	how key events
				individuals in design	and individuals in	and individuals in
				and technology	design and	design and
				have helped shape	technology have	technology have
				the world	helped shape the	helped shape the
					world	world
Technical	4.1 Build	4.2 Explore and use		4.1 Apply their	4.1 Apply their	4.1 Apply their
Knowledge	structures,	mechanisms		understanding of	understanding of	understanding of
	exploring how they	[wheels and axles]		how to strengthen,	how to strengthen,	how to strengthen,
	can be made	in their products		stiffen and	and reinforce	stiffen and
	stronger, stiffer			reinforce structures	material joins	reinforce more
	and more stable			4.3 Understand and		complex structures
				use electrical		
				systems in their		4.2 Understand and
				products - series		use mechanical
				circuits		systems in their
				incorporating		products: gears and
				switches, bulbs,		pulleys.
				motors.		







Nutrition	2.1 Select	2.1 Select	2.1 Select
	ingredients	ingredients	ingredients
	according to their	according to their	according to their
	characteristics	functional	functional
		properties and	properties and
	5.1 Use the basic	aesthetic qualities	aesthetic qualities
	principles of a		
	healthy and varied	5.1 Understand	5.1 Understand and
	diet to prepare	and apply the	apply the principles
	dishes	principles of a	of a healthy and
		healthy and varied	varied diet
	5.2 Understand	diet	
	where food comes		5.2 Prepare and
	from.	5.2 Prepare and	cook a variety of
		cook a variety of	predominantly
		predominantly	savoury dishes
		savoury dishes	using a range of
		using a range of	cooking techniques
		cooking techniques	
		5.3 Understand	
		seasonality, and	
		know where and	
		how a variety of	
		ingredients are	
		grown, reared,	
		caught and	
		processed	