

Skills	Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Design,	plan,	plan,	planning,	investigating,	user, purpose,	evaluating,	design	function,
Make,	make,	investigate,	investigating	planning,	design,	design brief	decisions,	innovative,
Evaluate	ideas	make,	design,	design, make,	model,	design	functionality,	design
		purpose,	evaluate,	evaluate,	evaluate,	criteria,	authentic,	specification,
		ideas,	make, user,	user, purpose,	prototype,	innovative,	user, purpose,	design brief,
			purpose,	ideas, design	annotated	prototype,	design	user, purpose
			ideas,	criteria,	sketch,	user, purpose,	specification,	design brief,
			product,	product,	functional,	function,	design brief,	design
				function	innovative,	prototype,	innovative,	specification,
					investigate,	design	research,	prototype,
					label,	criteria,	evaluate,	annotated
					drawing,	innovative,	design	sketch,
					function,	appealing,	criteria,	purpose, user,
					planning,	design brief,	annotate,	innovation,
					design	planning,	evaluate,	research,
					criteria,	annotated	mock-up,	functional,
					annotated	sketch,	prototype	mock-up,
					sketch,	sensory		prototype
					appealing	evaluations		
Food	Fruit and	Fruit and	fruit and	fruit and	name of	name of	ingredients,	ingredients,
	vegetables	vegetables	vegetable	vegetable	products,	products,	yeast, dough,	yeast, dough,
	names,	names,	names,	names,	names of	names of	bran, flour,	bran, flour,
	sensory	names of	names of	names of	equipment,	equipment,	wholemeal,	wholemeal,
	vocabulary	utensils,	equipment	equipment	utensils,	utensils,	unleavened,	unleavened,
	e.g. tasty,	sensory	and utensils	and utensils	techniques	techniques	baking soda,	baking soda,
	juicy,	vocabulary	sensory	sensory	and	and	spice, herbs	spice, herbs
	crunchy,	e.g. soft,	vocabulary	vocabulary	ingredients	ingredients	fat, sugar,	fat, sugar,
	-	tasty, sharp,	e.g. soft,	e.g. soft,	texture, taste,	texture, taste,	carbohydrate,	carbohydrate,



		sweet, crunchy.	juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard flesh, skin,	juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard flesh, skin,	sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh,	sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh,	protein, vitamins, nutrients, nutrition, healthy, varied, qluten, dairy,	protein, vitamins, nutrients, nutrition, healthy, varied, gluten, dairy,
			seed, pip, core, slicing, peeling, cutting, squeezing, healthy diet, choosing,	seed, pip, core, slicing, peeling, cutting, squeezing, healthy diet, choosing,	savoury, hygienic, edible, grown, reared, caught, frozen,	savoury, hygienic, edible, grown, reared, caught, frozen,	allergy, intolerance, savoury, source, seasonality utensils, combine, fold,	allergy, intolerance, savoury, source, seasonality utensils, combine, fold,
			ingredients,	ingredients	tinned, processed, seasonal, harvested healthy/varie d diet	tinned, processed, seasonal, harvested healthy/varie d diet	knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble	knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble
Structures	cut, fold, stick, tear, rip, strong.	cut, fold, stick, tear, rip, strong, tall, long,	cut, fold, join, fix structure, wall, tower, framework,	cut, fold, join, fix structure, wall, tower, framework,	shell structure, three- dimensional	shell structure, three- dimensional	frame structure, stiffen, strengthen,	frame structure, stiffen, strengthen,

		weak, top,	weak, strong,	weak, strong,	(3-D) shape,	(3-D) shape,	reinforce,	reinforce,
		side, edge	base, top,	base, top,	net, cube,	net, cube,	triangulation,	triangulation,
			underneath,	underneath,	cuboid, prism,	cuboid, prism,	stability,	stability,
			side, edge,	side, edge,	vertex, edge,	vertex, edge,	shape, join,	shape, join,
			surface,	surface,	face, length,	face, length,	temporary,	temporary,
			thinner,	thinner,	width,	width,	permanent	permanent
			thicker,	thicker,	breadth,	breadth,		
			corner, point,	corner, point,	capacity,	capacity,		
			straight,	straight,	marking out,	marking out,		
			curved,	curved,	scoring,	scoring,		
			metal, wood,	metal, wood,	shaping, tabs,	shaping, tabs,		
			plastic circle,	plastic circle,	adhesives,	adhesives,		
			triangle,	triangle,	joining,	joining,		
			square,	square,	assemble,	assemble,		
			rectangle,	rectangle,	accuracy,	accuracy,		
			cuboid, cube,	cuboid, cube,	material, stiff,	material, stiff,		
			cylinder	cylinder	strong,	strong,		
			5	5	reduce, reuse,	reduce, reuse,		
					recycle,	recycle,		
					corrugating,	corrugating,		
					ribbing,	ribbing,		
					laminating,	laminating,		
					font,	font,		
					, lettering, text,	, lettering, text,		
					graphics,	graphics,		
					decision,	decision,		
Textiles	Soft,	Soft, smooth,	joining and	joining and	fabric, names	fabric, names	seam, seam	seam, seam
	smooth,	rough, hard,	finishing	finishing	of fabrics,	of fabrics,	allowance,	allowance,
	rough,	cotton,	techniques,	techniques,	fastening,	fastening,	wadding,	wadding,



	hard	denim, sew	tools, fabrics	tools, fabrics	compartment,	compartment,	reinforce,	reinforce,
			and	and	zip, button,	zip, button,	right side,	right side,
			components,	components,	structure,	structure,	wrong side,	wrong side,
			template,	template,	finishing	finishing	hem,	hem,
			pattern	pattern	technique,	technique,	template,	template,
			pieces, mark	pieces, mark	strength,	strength,	pattern	pattern
			out, join,	out, join,	weakness,	weakness,	pieces, name	pieces, name
			decorate,	decorate,	stiffening,	stiffening,	of textiles	of textiles
			finish	finish	templates,	templates,	and	and
					stitch, seam,	stitch, seam,	fastenings	fastenings
					seam	seam	used, pins,	used, pins,
					allowance	allowance	needles,	needles,
							thread,	thread,
							pinking	pinking
							shears,	shears,
							fastenings,	fastenings,
Mechanisms	Slot,	Slot, bridge,	slider, lever,	vehicle,	mechanism,	mechanism,	pulley, drive	pulley, drive
	bridge,	card, tape,	pivot, slot,	wheel, axle,	lever, linkage,	lever, linkage,	belt, gear,	belt, gear,
	card, tape,	paper, push,	bridge/guide,	axle holder,	pivot, slot,	pivot, slot,	rotation,	rotation,
	paper	pull, up,	card, masking	chassis, body,	bridge, guide	bridge, guide	spindle,	spindle,
		down,	tape, paper	cab	system, input,	system, input,	driver,	driver,
		forwards,	fastener, join,	assembling,	process,	process,	follower,	follower,
		backwards	pull, push,	cutting,	output linear,	output linear,	ratio,	ratio,
			up, down,	joining,	rotary,	rotary,	transmit,	transmit,
			straight,	shaping,	oscillating,	oscillating,	axle, motor,	axle, motor,
			curve,	finishing,	reciprocating	reciprocating	circuit,	circuit,
			forwards,	fixed, free,			switch, circuit	switch, circuit
			backwards	moving,			diagram,	diagram,
				mechanism			annotated	annotated



	names of			drawings,	drawings,
	tools,			exploded	exploded
	equipment			diagrams,	diagrams,
	and materials			mechanical	mechanical
	used			system,	system,
				electrical	electrical
				system, input,	system, input,
				process,	process,
				output	output
Electrical		series circuit,	series circuit,	reed switch,	reed switch,
Systems		fault,	fault,	toggle switch,	toggle switch,
		connection,	connection,	push-to-make	push-to-make
		toggle switch,	toggle switch,	switch, push-	switch, push-
		push-to-make	push-to-make	to-break	to-break
		switch, push-	switch, push-	switch, light	switch, light
		to-break	to-break	dependent	dependent
		switch,	switch,	resistor	resistor
		battery,	battery,	(LDR), tilt	(LDR), tilt
		battery	battery	switch, light	switch, light
		holder, bulb,	holder, bulb,	emitting	emitting
		bulb holder,	bulb holder,	diode (LED),	diode (LED),
		wire,	wire,	bulb, bulb	bulb, bulb
		insulator,	insulator,	holder,	holder,
		conductor,	conductor,	battery,	battery,
		crocodile clip,	crocodile clip,	battery	battery
		control,	control,	holder, USB	holder, USB
		program,	program,	cable, wire,	cable, wire,
		system, input	system, input	insulator,	insulator,
		device,	device,	conductor,	conductor,



		output device	output device	crocodile clip	crocodile clip
				control,	control,
				program,	program,
				system, input	system, input
				device,	device,
				output	output
				device, series	device, series
				circuit,	circuit,
				parallel	parallel
				circuit	circuit