

Stratford Sub Castle – Design and Technology vocabulary

Skills		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
<u>Skills</u>								
DT Vocabulary	Generating ideas – designing, Making, Evaluating	planning, investigating design, evaluate, make, user, purpose, ideas, product,	In addition to previous years - investigating, planning, design, make, evaluate, user, purpose, ideas, design criteria, product, function	In addition to previous years - user, purpose, design, model, evaluate, prototype, annotated sketch, functional, innovative, investigate, label, drawing, function, planning, design criteria, annotated sketch, appealing	In addition to previous years - evaluating, design brief design criteria, innovative, prototype, user, purpose, function, prototype, design criteria, innovative, appealing, design brief, planning, annotated sketch, sensory evaluations	In addition to previous years - design decisions, functionality, authentic, user, purpose, design specification, design brief, innovative, research, evaluate, design criteria, annotate, evaluate, mock-up, prototype	In addition to previous years - function, innovative, design specification, design brief, user, purpose design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional, mock-up, prototype	
	<u>Knowledge</u>							
		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
	Food	fruit and vegetable names, names of equipment and utensils sensory vocabulary e.g. soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard flesh, skin, seed, pip, core, slicing, peeling, cutting, squeezing,	In addition to previous years - fruit and vegetable names, names of equipment and utensils sensory vocabulary e.g. soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard flesh, skin, seed, pip, core,	In addition to previous years - name of products, names of equipment, utensils, techniques and ingredients texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh,	In addition to previous years - name of products, names of equipment, utensils, techniques and ingredients texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh,	In addition to previous years - ingredients, yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, healthy, varied, gluten,	In addition to previous years - ingredients, yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, healthy, varied, gluten,	

		healthy diet, choosing, ingredients,	slicing, peeling, cutting, squeezing, healthy diet, choosing, ingredient	savoury, hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested healthy/varied diet	savoury, hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested healthy/varied diet	dairy, allergy, intolerance, savoury, source, seasonality utensils, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble	dairy, allergy, intolerance, savoury, source, seasonality utensils, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble
	Structures	cut, fold, join, fix structure, wall, tower, framework, weak, strong, base, top, underneath, side, edge, surface, thinner, thicker, corner, point, straight, curved, metal, wood, plastic circle, triangle, square, rectangle, cuboid, cube, cylinder		In addition to previous years - shell structure, three-dimensional (3-D) shape, net, cube, cuboid, prism, vertex, edge, face, length, width, breadth, capacity, marking out, scoring, shaping, tabs, adhesives, joining, assemble, accuracy, material, stiff, strong, reduce, reuse, recycle, corrugating, ribbing, laminating, font, lettering, text, graphics, decision,		In addition to previous years – frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, temporary, permanent	
	Textiles	joining and finishing techniques, tools, fabrics and components, template, pattern pieces, mark out, join, decorate, finish		In addition to previous years - fabric, names of fabrics, fastening, compartment, zip, button, structure, finishing technique, strength, weakness, stiffening, templates, stitch, seam, seam allowance		In addition to previous years - seam, seam allowance, wadding, reinforce, right side, wrong side, hem, template, pattern pieces, name of textiles and fastenings used, pins, needles, thread, pinking shears, fastenings,	
	Mechanism s/ mechanical systems	slider, lever, pivot, slot, bridge/guide, card, masking tape, paper fastener, join, pull, push, up, down, straight, curve, forwards, backwards	vehicle, wheel, axle, axle holder, chassis, body, cab assembling, cutting, joining, shaping, finishing, fixed, free, moving, mechanism names of tools, equipment and materials used	In addition to previous years - mechanism, lever, linkage, pivot, slot, bridge, guide system, input, process, output linear, rotary, oscillating, reciprocating		In addition to previous years - pulley, drive belt, gear, rotation, spindle, driver, follower, ratio, transmit, axle, motor, circuit, switch, circuit diagram, annotated drawings, exploded diagrams, mechanical system, electrical system, input, process, output	
	Electrical systems			series circuit, fault, connection, toggle switch, push-to-make switch, push-to-break switch, battery,		In addition to previous years - reed switch, toggle switch, push-to-make switch, push-to-break switch,	

				battery holder, bulb, bulb holder, wire, insulator, conductor, crocodile clip, control, program, system, input device, output device	light dependent resistor (LDR), tilt switch, light emitting diode (LED), bulb, bulb holder, battery, battery holder, USB cable, wire, insulator, conductor, crocodile clip control, program, system, input device, output device, series circuit, parallel circuit
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Skills		EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Vocabulary	for Printing	Print Rubbing Pattern Fabric Print block	IN ADDITION TO PREVIOUS YEARS: Print Mono print Pattern – repeat and random Roller or brayer (hard roller) Print block	IN ADDITION TO PREVIOUS YEARS: Print Print block Pattern – REGULAR AND IRREGULAR Roller or brayer (hard roller) Printing Ink	IN ADDITION TO PREVIOUS YEARS: Print block – polystyrene String print block Half drop Brayer (hard roller) Printing Ink	IN ADDITION TO PREVIOUS YEARS: Revisit Print block – polystyrene Revisit String print block Revisit Half drop Brayer (hard roller) Printing Ink	IN ADDITION TO PREVIOUS YEARS: Inks Overlay Card print block Regular print Revisit Brayer (hard roller) Revisit Printing Ink	IN ADDITION TO PREVIOUS YEARS: 2 colour print Register Tessellated print Lino Press
	for textile art	Textile/ fabric Weave Sew/stitch Needle and thread Wool	IN ADDITION TO PREVIOUS YEARS: Textile/ fabric Weave Sew/stitch Needle and thread Wool	IN ADDITION TO PREVIOUS YEARS: Knot Textile/ fabric Weave Sew/stitch Needle and thread Wool	IN ADDITION TO PREVIOUS YEARS: Applique Pleat/crumple/ fold Embroider/embroidery Dye Textile Art Quilting Embroidery	IN ADDITION TO PREVIOUS YEARS: Pleat/crumple/ fold Embroider/embroidery Tie Dye Revisit Textile Art Resist	IN ADDITION TO PREVIOUS YEARS: Revise Applique Pattern (for construction) Embroider/embroidery Knot/plait Revisit Textile Art	IN ADDITION TO PREVIOUS YEARS: Revise Applique Revise Pattern (for construction) Revise Embroider/embroidery Knot/plait Revise Textile Art
	for collage	Collage Papers – tissue, card, printed Colour names Texture Tear	IN ADDITION TO PREVIOUS YEARS: Collage Texture Overlap Paste Marbling Printing	IN ADDITION TO PREVIOUS YEARS: Materials names- fabric, plastic, etc (link to science) Texture Overlap Layer Texture/pattern	IN ADDITION TO PREVIOUS YEARS: Materials names- natural and man made Layer and overlap Composition Limited palette Form	IN ADDITION TO PREVIOUS YEARS: Revisit Materials names- natural and man made Revisit Layer and overlap Revisit Composition Revisit Limited pallet Form and perspective	IN ADDITION TO PREVIOUS YEARS: Tones Form Texture Revisit Composition Names for adaptations to papers Perspective	IN ADDITION TO PREVIOUS YEARS: Tones Form Texture Revisit Composition Names for adaptations to papers Perspective

Skills	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Vocabulary for sculpture	Sculpture Junk Model Dough/Plasticine Roll Mould Texture – hard, smooth, soft, sharp, rough 3D shape names (link to maths)	IN ADDITION TO PREVIOUS YEARS: Sculpture Material names for use in sculpture- marble, stone, wood, metal, fabric, natural materials Clay Clay tools	IN ADDITION TO PREVIOUS YEARS: Sculpture Material names for use in sculpture- marble, stone, wood, metal, fabric, natural materials Malleable Shape, join, roll, imprint Clay tools	IN ADDITION TO PREVIOUS YEARS: Revise Sculpture Score Slip Papier-mâché	IN ADDITION TO PREVIOUS YEARS: Armature Revise Score Revise Slip 'Pulling out' Pinch pot Coil/coiling	IN ADDITION TO PREVIOUS YEARS: Carving Revise Armature Revise Score Revise Slip Revise 'Pulling out' Revise Pinch pot Revise Coil/coiling	IN ADDITION TO PREVIOUS YEARS: Slabs Plaster – impregnated bandage Armature Revise Score Revise Slip Revise 'Pulling out' Revise Pinch pot Revise Coil/coiling

Chronology in Art							
(40,000 BC – 4000 BC) (4,000 BC – AD 400)	Prehistoric Art Ancient Art Medieval Art	(1780 – 1850)	Romanticism	(1916 – 1950)	Surrealism	(1970 – present)	Post Modernism
(500 – 1,400 AD)	Renaissance	(1848 – 1900)	Realism	(1940s – 1950s)	Abstract		Feminist Neo-Expressionism
(1400 – 1600)	Mannerism	(1865 – 1885)	Impressionism	(1950s – 1960s)	Expressionism		Street Art
(1527 – 1540)	Baroque Rococo	(1885 – 1910)	Post-Impressionism	(1950s – 1960s)	Optical Art Pop Art		Pictures
(1600 – 1750)	Neoclassicism	(1890 – 1910)	Art Nouveau	(1960s) (1960s – 1970s)	Art Art Povera		Generation
(1699 – 1780)		(1900 – 1935)	Fauvism	(1960s – 1970s)	Minimalism		Appropriation
(1750 – 1850)		(1905 – 1920)	Expressionism		Conceptual		Young British Artists (YBA)
		(1907 – 1914)	Cubism				Digital Art