A purple shield with two crossed keys

Description automatically generatedA purple shield with two crossed keys

Description automatically generated**Design & Technology**

**Vocabulary Progressive Document List**

|  |  |  |  |  |
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| **TEXTILES** | **FOOD** | **STRUCTURES** | **MECHANICAL SYSTEMS** | **ELECTRICAL SYSTEMS** |
| **EYFS** | | | | |
| Picture, drawing, use, experiment, change, tools, materials, use, materials, use, idea, improve, technology, tape, record, video, photograph, computer, food, meal, snack, healthy, diet | | | | |
| **Year 1** | | | | |
|  | 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 |  | axle holder, chassis, body, cab  assembling, cutting, joining, shaping, finishing, fixed, free, moving, mechanism  names of tools, equipment and materials used  design, make,  slider, lever, pivot, slot, bridge/guide  card, masking tape, paper fastener, join  pull, push, up, down, straight, curve, forwards, backwards |  |
| **Year 2 – Cycle 2** | | | | |
| names of existing products, joining and finishing techniques, tools, *fabrics* and components  template, pattern pieces, mark out, join, decorate, finish  features, suitable, quality mock-up, design brief, *design* | 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 | 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  *design, make,* |  |  |
| **Year 3** | | | | |
|  |  | 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 | mechanism, *lever*, linkage, *pivot*, *slot*, bridge, guide  system, input, process, output  linear, rotary, oscillating, reciprocating  *user*, purpose, function  prototype, *design* criteria, innovative, | series circuit, fault, connection, toggle switch, push-to-make switch, push-to-break switch, battery, battery holder, light emitting diode (LED), bulb, bulb holder, USB |
| **YEAR 4** | | | | |
|  | name of products, names of equipment, *utensils*, techniques and ingredients  texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh, savoury  hygienic, edible, grown, reared, caught, frozen, tinned, processed, seasonal, harvested healthy/varied diet |  | components, fixing, attaching, tubing, syringe, plunger, split pin, paper fastener  pneumatic system, input movement, process, output movement, control, compression, pressure, inflate, deflate, pump, seal, air-tight  *linear, rotary, oscillating,* | series circuit, fault, connection, toggle switch, push-to-make switch, push-to-break switch, battery, battery holder, bulb, bulb holder, wire, insulator, conductor, |
| **YEAR 5** | | | | |
|  | *ingredients*, yeast, dough, bran, flour, wholemeal, unleavened, baking soda, spice, herbs  fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, healthy, varied, gluten, dairy, allergy, intolerance, savoury, source, seasonality  utensils, combine, fold, knead, stir, pour, mix, rubbing in, | frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, temporary, permanent  design brief, design specification, prototype, annotated sketch, purpose, user, innovation, research, functional | cam, snail cam, off-centre cam, peg cam, pear shaped cam  follower, axle, shaft, crank, handle, housing, framework  rotation, rotary motion, oscillating motion, reciprocating motion  annotated sketches, exploded diagrams  *mechanical system, input movement,* |  |
| **YEAR 6** | | | | |
| 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, iron transfer paper  design criteria, annotate, design decisions, functionality, innovation, authentic, user, purpose, evaluate, mock-up, |  |  | 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 design decisions, functionality, innovation, authentic, user, purpose, design | series circuit, parallel circuit, names of switches and components, input device, output device, system, monitor, control, program, flowchart  *function, innovative, design specification, design brief, user, purpose* |