DT vocabulary progression across the milestones

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| Vocabulary: Mechanisms |
| **Milestone 1** | **Milestone 2** | **Milestone 3** |
| Mechanism, user, purpose, design, technology, slider, lever, forwards, backwards, left, right, axle, wheel, design, chassis, engine, distance, guide, bridge  | evaluate, constraints, appropriate, investigate, probable, planning, components, fixing, tubing, syringe, plunger, attaching, split pin, paper fastener, finishing, control, pneumatic system, compression, pressure, inflate, deflate, input, output, pump, seal, air-tight, pivot, hinge, lever, linkage, guide, loose pivot, fixed pivot, link, input, output, linear, reciprocating, oscillatingrotary | rotary motion, oscillating motion., reciprocating motion, a slider, cam, off-centre wheel, shaped wheel, follower, lever, spacer, move freely. |
| Vocabulary: Structures |
| **Milestone 1** | **Milestone 2** | **Milestone 3** |
| hinge, model, shell structure, structure, buttress, brick bonding, mock-up  | font, graphic, decision, evaluating, criteria, fit for purpose, holds, scoring, tabs, interlocking, adhesives, join, assemble, accuracy, aperture, three-dimensional (3D) shape, face, edge, vertex, two-dimensional, side, corner, cube, cuboid, prism, net, packaging, shell structure, height, width, breadth, capacity, centimetre, millimetre, measure | modelling, scale model, exploring and testing, drawings from different elevations and cross-section, rolling, strengthening, reinforcing, triangulation, diagonal, stable, strength, framework, material, tube, rigid, section, water/wind resistance, tie, strut, beam, bracket, stay, member, horizontal, vertical, gusset |
| Vocabulary: Textiles |
| **Milestone 1** | **Milestone 2** | **Milestone 3** |
| Designing, user, mock-up, choose, decide, evaluate, making, template, fabric, sewing, needle, running stitch, puppet, seam, stitch, thread, strengthen, reflective symmetry | recycle, fastenings, ties, velcro, buttons, adjustable, press stud, buckle, d-rings**,** elastic, stitch | specification, flow chart, mock-up, accurate, users, fabric swatches, working drawing, pattern/template, working properties, seam, seam allowance, fastenings, lining, stiffeners, reinforce, right side/wrong side, stitch, stitching, tacking, wadding, sewing machine, hem. |
| Vocabulary: Food |
| **Milestone 1** | **Milestone 2** | **Milestone 3** |
| sour, bitter, sweet, peel, extract, scoop, soft, smooth, seed, juicy, senses. | originate, criteria, components, slice, grate, combine, shred, proportions, sections, 5 A DAY, energy, vegetarian, food intolerances, colourful, crumbly, fresh, fragrant, tangy, crisp, squashy | Names of islands, names of fruits, climate, weather, consumer, tourist, occupations, criteria, nutritional vocabulary, blend, combine, chop, slice, appearance, taste, texture, odour preferences. |
| Vocabulary: Electrical systems |
| **Milestone 1** | **Milestone 2** | **Milestone 3** |
|  | batteries, bulb, bulb holder, reflector, torch, lamp, user, circuit, switch, conductor | modelling, open switch, closed switch, normally open, normally closed, computer control input, output devices, input devices, crumble, switch, push switch, connector, toggle switch, circuit, rotary switch, reverse switch, tilt switch |