

# DT Vocabulary Progression for Grange Junior School

	<b>Term 1/2</b>	<b>Term 3/4</b>	<b>Term 5/6</b>
<b>Y3</b>	<p style="text-align: center;"><b>Structures (Shell)</b></p> <p>To design and make a cube/cuboid (net) box to hold an artefact</p> <p>shell structure, three-dimensional (3-D) shape, net, cube, cuboid, vertex, edge, face, length, width, marking out, scoring, shaping, tabs, adhesives, joining, assemble, accuracy, material, evaluating</p>	<p style="text-align: center;"><b>Textiles (2D to 3D)</b></p> <p>To design and make a fabric bag with an intended purpose</p> <p>fabric,, fastening, compartment, zip, button, structure, strength, weakness, stiffening, templates, stitch, seam, seam allowance, user, purpose, design, model, evaluate</p>	<p style="text-align: center;"><b>Food (Healthy Eating)</b></p> <p>To design and make a healthy sandwich/wrap to eat at school</p> <p>Diet, Healthy, Ingredients, Recipe, edible, grating, peeling, chopping, slicing, mixing, spreading, purpose, user, sensory evaluations</p>
<b>Y4</b>	<p style="text-align: center;"><b>Structures (Shell)</b></p> <p>To design and make a prism (net) box to hold an artefact</p> <p>prism, breadth, capacity, reduce, reuse, recycle, corrugating, ribbing, laminating design criteria, innovative, prototype</p>	<p style="text-align: center;"><b>Food (Healthy Eating)</b></p> <p>To design and make a healthy lunchbox to eat at school</p> <p>Equipment, utensils, techniques, ingredients, savoury, hygienic, edible, grown, reared, caught, processed, seasonal, harvested design criteria, annotated sketch</p>	<p style="text-align: center;"><b>Mechanical Systems (Levers &amp; Linkages)</b></p> <p>To design and make an information poster for a class display</p> <p>mechanism, lever, linkage, pivot, slot, bridge, guide, system, input, process, output linear, rotary, user, purpose, function, design criteria, appealing, design brief</p>
<b>Y5</b>	<p style="text-align: center;"><b>Structures (Frame)</b></p> <p>To design and make a cube/cuboid frame box to hold an artefact</p> <p>frame structure, stiffen, strengthen, reinforce, triangulation, stability, shape, join, annotated sketch, purpose, user, research, functional</p>	<p style="text-align: center;"><b>Mechanical Systems (Cams)</b></p> <p>To design and make a moving toy to entertain someone</p> <p>cam, snail cam, off-centre cam, peg cam, pear shaped cam, follower, axle, shaft, crank, handle, housing, framework, rotation, annotated sketches, mechanical system, input movement, process, output movement, user, purpose, design brief</p>	<p style="text-align: center;"><b>Food (Culture &amp; Seasonality)</b></p> <p>To design and make bread for a summer picnic</p> <p>ingredients, yeast, dough, bran, flour, wholemeal, baking soda, spice, herbs fat, sugar, carbohydrate, protein, vitamins, nutrients, nutrition, healthy, varied, gluten, dairy, allergy, savoury, source, seasonality utensils, combine, fold, knead, stir, pour, mix, rubbing in, whisk, beat, roll out, shape, sprinkle, crumble, research, evaluate, design brief</p>
<b>Y6</b>	<p style="text-align: center;"><b>Structures (Frame)</b></p> <p>To design and make a prism frame box to hold an artefact</p> <p>temporary, permanent, design brief, design specification, prototype, innovation, critically, exploded views,</p>	<p style="text-align: center;"><b>Food (Culture &amp; Seasonality)</b></p> <p>To design and make a nutritionally balanced hot cross bun for someone for Easter</p> <p>unleavened, intolerance, design specification, innovative, locally sourced, seasonal, Fair Trade, organic, sustainability</p>	<p style="text-align: center;"><b>Mechanical Systems (Combination)</b></p> <p>To design and make a moving toy that uses a combination of mechanisms to entertain someone</p> <p>rotary motion, oscillating motion, reciprocating motion, exploded diagrams design decisions, functionality, innovation, authentic, design specification</p>